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# CALENDAR

## 1898.

| JANUARY. |     |     |     |     |     |     | FEBRUARY. |     |     |     |     |     |     | MARCH.     |     |     |     |     |     |     |
|----------|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|------------|-----|-----|-----|-----|-----|-----|
| S        | M   | T   | W   | T   | F   | S   | S         | M   | T   | W   | T   | F   | S   | S          | M   | T   | W   | T   | F   | S   |
| ...      | ... | ... | ... | ... | ... | 1   | ...       | ... | 1   | 2   | 3   | 4   | 5   | ...        | ... | 1   | 2   | 3   | 4   | 5   |
| 2        | 3   | 4   | 5   | 6   | 7   | 8   | 6         | 7   | 8   | 9   | 10  | 11  | 12  | 6          | 7   | 8   | 9   | 10  | 11  | 12  |
| 9        | 10  | 11  | 12  | 13  | 14  | 15  | 13        | 14  | 15  | 16  | 17  | 18  | 19  | 13         | 14  | 15  | 16  | 17  | 18  | 19  |
| 16       | 17  | 18  | 19  | 20  | 21  | 22  | 20        | 21  | 22  | 23  | 24  | 25  | 26  | 20         | 21  | 22  | 23  | 24  | 25  | 26  |
| 23       | 24  | 25  | 26  | 27  | 28  | 29  | 27        | 28  | ... | ... | ... | ... | ... | 27         | 28  | 29  | 30  | 31  | ... | ... |
| 30       | 31  | ... | ... | ... | ... | ... | ...       | ... | ... | ... | ... | ... | ... | ...        | ... | ... | ... | ... | ... | ... |
| APRIL.   |     |     |     |     |     |     | MAY.      |     |     |     |     |     |     | JUNE.      |     |     |     |     |     |     |
| ...      | ... | ... | ... | ... | 1   | 2   | ...       | ... | ... | ... | ... | ... | ... | ...        | ... | 1   | 2   | 3   | 4   | ... |
| 3        | 4   | 5   | 6   | 7   | 8   | 9   | 1         | 2   | 3   | 4   | 5   | 6   | 7   | 5          | 6   | 7   | 8   | 9   | 10  | 11  |
| 10       | 11  | 12  | 13  | 14  | 15  | 16  | 8         | 9   | 10  | 11  | 12  | 13  | 14  | 12         | 13  | 14  | 15  | 16  | 17  | 18  |
| 17       | 18  | 19  | 20  | 21  | 22  | 23  | 15        | 16  | 17  | 18  | 19  | 20  | 21  | 19         | 20  | 21  | 22  | 23  | 24  | 25  |
| 24       | 25  | 26  | 27  | 28  | 29  | 30  | 22        | 23  | 24  | 25  | 26  | 27  | 28  | 26         | 27  | 28  | 29  | 30  | ... | ... |
| ...      | ... | ... | ... | ... | ... | ... | 29        | 30  | 31  | ... | ... | ... | ... | ...        | ... | ... | ... | ... | ... | ... |
| JULY.    |     |     |     |     |     |     | AUGUST.   |     |     |     |     |     |     | SEPTEMBER. |     |     |     |     |     |     |
| ...      | ... | ... | ... | ... | 1   | 2   | ...       | 1   | 2   | 3   | 4   | 5   | 6   | ...        | ... | ... | 1   | 2   | 3   | ... |
| 3        | 4   | 5   | 6   | 7   | 8   | 9   | 7         | 8   | 9   | 10  | 11  | 12  | 13  | 4          | 5   | 6   | 7   | 8   | 9   | 10  |
| 10       | 11  | 12  | 13  | 14  | 15  | 16  | 14        | 15  | 16  | 17  | 18  | 19  | 20  | 11         | 12  | 13  | 14  | 15  | 16  | 17  |
| 17       | 18  | 19  | 20  | 21  | 22  | 23  | 21        | 22  | 23  | 24  | 25  | 26  | 27  | 18         | 19  | 20  | 21  | 22  | 23  | 24  |
| 24       | 25  | 26  | 27  | 28  | 29  | 30  | 28        | 29  | 30  | 31  | ... | ... | ... | 25         | 26  | 27  | 28  | 29  | 30  | ..  |
| 31       | ... | ... | ... | ... | ... | ... | ...       | ... | ... | ... | ... | ... | ... | ...        | ... | ... | ... | ... | ... | ... |
| OCTOBER. |     |     |     |     |     |     | NOVEMBER. |     |     |     |     |     |     | DECEMBER.  |     |     |     |     |     |     |
| ...      | ... | ... | ... | ... | ... | 1   | ...       | ... | 1   | 2   | 3   | 4   | 5   | ...        | ... | ... | 1   | 2   | 3   | ... |
| 2        | 3   | 4   | 5   | 6   | 7   | 8   | 6         | 7   | 8   | 9   | 10  | 11  | 12  | 4          | 5   | 6   | 7   | 8   | 9   | 10  |
| 9        | 10  | 11  | 12  | 13  | 14  | 15  | 13        | 14  | 15  | 16  | 17  | 18  | 19  | 11         | 12  | 13  | 14  | 15  | 16  | 17  |
| 16       | 17  | 18  | 19  | 20  | 21  | 22  | 20        | 21  | 22  | 23  | 24  | 25  | 26  | 18         | 19  | 20  | 21  | 22  | 23  | 24  |
| 23       | 24  | 25  | 26  | 27  | 28  | 29  | 27        | 28  | 29  | 30  | ... | ... | ... | 25         | 26  | 27  | 28  | 29  | 30  | 31  |
| 30       | 31  | ... | ... | ... | ... | ... | ...       | ... | ... | ... | ... | ... | ... | ...        | ... | ... | ... | ... | ... | ... |





**CATALOGUE**  
**OF**  
**THE UNIVERSITY OF TEXAS**

**MAIN UNIVERSITY**  
**AUSTIN**  
**DEPARTMENT OF MEDICINE**  
**GALVESTON**



**1897-8**



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## **UNIVERSITY CALENDAR.**

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### **Session of 1897-98.**

#### **FINAL EXAMINATIONS BEGIN:**

Department of Medicine,  
Saturday, April 30, 1898.

Department of Literature, Science, and Arts,  
Department of Engineering,  
Saturday, June 4, 1898.

#### **COMMENCEMENT:**

Department of Medicine,  
Saturday, May 14, 1898.

Department of Literature, Science, and Arts,  
Department of Engineering,  
Department of Law,  
Wednesday, June 15, 1898.

### **Session of 1898-99.**

#### **EXAMINATIONS FOR ADMISSION, CONDITIONS, AND ADVANCED STANDING BEGIN:**

Department of Literature, Science, and Arts,  
Department of Engineering,  
Department of Law,  
Wednesday, September 21, 1898.

Department of Medicine,  
Monday, September 26, 1898.

#### **FALL TERM LECTURES AND RECITATIONS BEGIN:**

Department of Literature, Science, and Arts,  
Department of Engineering,  
Department of Law,  
Monday, September 26, 1898.

Department of Medicine,  
Saturday, October 1, 1898.

THANKSGIVING DAY.....Thursday, Nov. 24, 1898.

FALL TERM EXAMINATIONS BEGIN:

Department of Literature, Science, and Arts,  
Department of Engineering,

Wednesday, December 14, 1898.

CHRISTMAS RECESS BEGINS .....Thursday, December 22, 1898.

CHRISTMAS RECESS ENDS.....Monday, January 2, 1899.

WINTER TERM LECTURES AND RECITATIONS BEGIN:

Department of Literature, Science, and Arts,  
Department of Engineering,

Monday, January 2, 1899.

WASHINGTON'S BIRTHDAY.....Wednesday, February 22, 1899.

TEXAS INDEPENDENCE DAY.....Thursday, March 2, 1899.

WINTER TERM EXAMINATIONS BEGIN:

Department of Literature, Science, and Arts,  
Department of Engineering,

Saturday, March 11, 1899.

SPRING TERM LECTURES AND RECITATIONS BEGIN:

Department of Literature, Science, and Arts,  
Department of Engineering,

Monday, March 20, 1899.

SAN JACINTO DAY.....Friday, April 21, 1899.

FINAL EXAMINATIONS BEGIN:

Department of Medicine,

Saturday, April 29, 1899.

Department of Literature, Science, and Arts,

Department of Engineering,

Saturday, June 3, 1899.

COMMENCEMENT:

Department of Medicine,

Saturday, May 13, 1899.

Department of Literature, Science, and Arts,

Department of Engineering,

Department of Law,

Wednesday, June 14, 1899.

## BOARD OF REGENTS.

T. D. WOOTEN, Chairman.

|                      |              |                                 |
|----------------------|--------------|---------------------------------|
| F. W. BALL.....      | Fort Worth.  | } Term expires<br>Jan. 1, 1899. |
| T. D. WOOTEN.....    | Austin.      |                                 |
| WM. L. PRATHER ..    | Waco.        | } Term expires<br>Jan. 1, 1901. |
| †T. C. THOMPSON..... | Galveston.   |                                 |
| BEAUREGARD BRYAN...  | Brenham.     | } Term expires<br>Jan. 1, 1903. |
| R. E. COWART.....    | Dallas.      |                                 |
| G. W. BRACKENRIDGE.. | San Antonio. | } Term expires<br>Jan. 1, 1905. |
| T. S. HENDERSON..... | Cameron.     |                                 |

J. B. CLARK, AUSTIN, Secretary.

## STANDING COMMITTEES.

|                     |                                    |
|---------------------|------------------------------------|
| G. W. BRACKENRIDGE, | } Finance Committee.               |
| T. S. HENDERSON,    |                                    |
| R. E. COWART,       |                                    |
| T. D. WOOTEN,       | } Executive Committee.             |
| BEAUREGARD BRYAN,   |                                    |
| T. S. HENDERSON,    |                                    |
| R. E. COWART,       | } Visiting Committee.              |
| WM. L. PRATHER,     |                                    |
| F. W. BALL,         |                                    |
| F. W. BALL,         | } Committee on Complaints.         |
| T. S. HENDERSON,    |                                    |
| WM. L. PRATHER,     |                                    |
| T. S. HENDERSON,    | } Auditing Committee.              |
| F. W. BALL,         |                                    |
| T. C. THOMPSON,     |                                    |
| BEAUREGARD BRYAN,   | } Committee on Medical Department. |
| T. D. WOOTEN,       |                                    |

† Dr. Thompson died April 17, 1898, and on May 11 Maj. Frank M. Spencer, of Galveston, was appointed to fill the vacancy.

WM. L. PRATHER,  
G. W. BRACKENRIDGE, } Committee on Buildings and Grounds.  
T. D. WOOTEEN,

The Board of Regents meets in Austin on the Tuesday before the third Wednesday of January and of June each year and in Galveston during the last week of April.

**THE FACULTY AND OTHER OFFICERS OF THE  
UNIVERSITY.**

---

GEORGE TAYLOR WINSTON, A. M., LL. D., *President.*

GEORGE BRUCE HALSTED, A. M., Ph. D., *Professor of Pure  
Mathematics.*

A. B., Princeton University, 1875, and A. M., 1878; Ph. D., Johns Hopkins  
University, 1879.

GEORGE PIERCE GARRISON, PH. D., *Professor of History.*  
L. A., University of Edinburg, 1881; Ph. D., University of Chicago, 1896.

THOMAS ULVAN TAYLOR, M. C. E., *Professor of Applied  
Mathematics.*

C. E., University of Virginia, 1883; M. C. E., Cornell University, 1895.

THOMAS FITZ-HUGH, M. A., *Professor of Latin.*  
M. A., University of Virginia, 1883.

FREDERIC WILLIAM SIMONDS, M. S., PH. D., *Professor of  
Geology.*

B. S., Cornell University, 1875, and M. S., 1876; Ph. D., Syracuse  
University, 1879.

MORGAN CALLAWAY, JR., PH. D., *Associate Professor of  
English Philology.*

A. B., Emory College (Ga.), 1881, and A. M., 1884; Ph. D., Johns Hopkins  
University, 1889.

SYLVESTER PRIMER, PH. D., *Associate Professor of Teutonic  
Languages.*

A. B., Harvard University, 1874; Ph. D., Strassburg, 1880.

JOSEPH BALDWIN, LL. D., *Professor Emeritus of Pedagogy.*

B. A., Bethany College (Va.), 1852, M. A., 1856, and LL. D., 1890.

WILLIAM JAMES BATTLE, PH. D., *Associate Professor of Greek.*

A. B., University of North Carolina, 1888; Ph. D., Harvard University, 1893.

SIDNEY EDWARD MEZES, B. S., PH. D., *Associate Professor of Philosophy.*

B. S., University of California, 1884; A. B., Harvard University, 1890, A. M. 1891, and Ph. D., 1893.

DAVID FRANKLIN HOUSTON, A. M., *Associate Professor of Political Science.*

A. B., University of South Carolina, 1887; A. M., Harvard University, 1892.

HENRY WINSTON HARPER, PH. G., M. D., *Associate Professor of Chemistry.*

Ph. G., Philadelphia College of Pharmacy, 1891; M. D., University of Virginia, 1892.

WESLEY WALKER NORMAN, A. M., *Associate Professor of Biology.*

B. Sc., University of Indiana, 1885; A. M., De Pauw University, 1894.

LAFAYETTE RUPERT HAMBERLIN, B. A., *Adjunct Professor of English and Expression.*

B. A., Richmond College (Va.), 1892.

\*EDWIN FITCH NORTHRUP, PH. D., *Associate Professor of Physics.*

A. B., Amhurst College, 1891; Ph. D., Johns Hopkins University, 1895.

MARK HARVEY LIDDELL, A. M., *Associate Professor of English Literature.*

A. B., Princeton University, 1887; A. M., 1889.

WILLIAM SENECA SUTTON, M. A., *Professor of Pedagogy.*

B. A., Arkansas Industrial University, 1878; M. A., 1883.

ALEXANDER CASWELL ELLIS, PH. D., *Adjunct Professor of Pedagogy.*

A. B., University of North Carolina, 1894; Ph. D., Clark University, 1897.

WILLIAM TYLER MATHER, PH. D., *Associate Professor of Physics.*

A. B., Amhurst College, 1886; A. M., 1891; Ph. D., Johns Hopkins University, 1897.

JULES MAGNENAT, *Instructor in French.*

Brevet, Normal School of Lausanne, Switzerland; Examiner at the University of Lausanne, 1863-1885.

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\*Resigned, October 6, 1897.

FACULTY AND OTHER OFFICERS.

7

JESSIE ANDREWS, B. LIT., *Instructor in German.*  
B. Lit., The University of Texas, 1886.

ARTHUR LEFEVRE, C. E., *Instructor in Pure Mathematics.*  
C. E., The University of Texas, 1895.

LESTER GLADSTONE BUGBEE, M. A., *Instructor in History.*  
B. Lit., The University of Texas, 1892, and M. A., 1893.

JAMES ROBINSON BAILEY, B. A., PH. D., *Instructor in Chemistry.*  
B. A., The University of Texas, 1891; Ph. D., München, 1897.

LILIA MARY CASIS, M. A., *Instructor in French and Spanish.*  
B. A., The University of Texas, 1896, and M. A., 1896.

EUGENE PAUL SCHOCH, C. E., M. A., *Instructor in Chemistry.*  
C. E., The University of Texas, 1894, and M. A., 1896.

MILTON BROCKETT PORTER, B. S., PH. D., *Instructor in Pure  
Mathematics.*  
B. S., The University of Texas, 1892; Ph. D., Harvard University, 1897.

ROBERT ANDREW THOMPSON, B. S., M. A., *Instructor in Civil  
Engineering.*  
B. S., The University of Texas, 1892, and M. A., 1893.

WILLIAM L. BRAY, M. A., *Instructor in Botany.*  
B. A., Indiana University, 1893; M. A., Lake Forest University, 1894.

FRITZ REICHMANN, C. E., M. S., *Tutor in Physics.*  
C. E. and E. E., The University of Texas, 1896, and M. S., 1897.

AUGUSTA RUCKER, B. A., *Tutor in Biology.*  
B. A., The University of Texas, 1896.

CARL COSMO RICE, B. A., *Tutor in Latin.*  
B. A., The University of Texas, 1897.

HENRY GEORGE HOWARD, B. A., *Fellow in Greek.*  
B. A., The University of Texas, 1897.

HATTIE VIRGINIA WHITTEN, *Student Assistant in Geology.*

MRS. HELEN MARR KIRBY, M. A., *Lady Assistant.*  
M. A., Macon Female College (Ga.).

---

ROBERT SIMONTON GOULD, M. A., LL. D., *Professor of Law.*  
B. A., University of Alabama, 1844, and M. A., 1846; LL. D., Southwestern  
Presbyterian University (Tenn.), 1886.

ROBERT LYNN BATTS, LL. B., *Professor of Law.*  
LL. B., The University of Texas, 1886.

JOHN CHARLES TOWNES, *Professor of Law.*

JOHN FANNIN YOUNG PAINE, M. D., *Professor of Obstetrics and Gynecology.*  
M. B., Tulane University, 1861.

EDWARD RANDALL, M. D., *Professor of Materia Medica and Therapeutics; Lecturer on Physical Diagnosis; Professor of Materia Medica in the School of Pharmacy.*  
M. D., University of Pennsylvania, 1883.

WILLIAM KEILLER, L. R. C. P. & S., ED., F. R. C. S., ED.,  
*Professor of Anatomy.*  
Licentiate Royal College of Surgeons, Edinburgh, 1890; Fellow of same College, 1892.

ALLEN J. SMITH, A. M., M. D., *Dean of the Medical Faculty, Professor of Pathology, and Lecturer on Mental and Nervous Diseases.*  
A. B., Pennsylvania College, 1883, and A. M., 1886; M. D., University of Pennsylvania, 1886.

JAMES EDWIN THOMPSON, M. B., B. S., F. R. C. S., *Professor of Surgery.*  
M. R. C. S., England, 1886; M. B. and B. S., London, 1887; F. R. C. S., England, 1888.

SETH MABRY MORRIS, B. S., M. D., *Professor of Chemistry and Toxicology.*  
B. S., The University of Texas, 1888; M. D., College of Physicians and Surgeons, New York, 1891.

RAOUL RENE DANIEL CLINE, A. M., PH. G., *Professor of Pharmacy, School of Pharmacy; Lecturer on Pharmacy, School of Medicine.*  
A. M., Pennsylvania College, 1886; Ph. G., New York College of Pharmacy, 1891.

JAMES W. MCLAUGHLIN, M. D., *Professor of Medicine.*  
M. D., University of Louisville, 1867.

WILLIAM SPENCER CARTER, M. D., *Professor of Physiology and Hygiene.*  
M. D., University of Pennsylvania, 1890.

HENRY PENDLETON COOKE, M. D., *Professor of Pediatrics.*  
M. D., University of Virginia, 1877.

GEORGE HENRY LEE, B. P., M. D., *Professor of Dermatology.*  
B. P., University of Mississippi; M. D., Tulane University, 1888.

GEORGE P. HALL, A. M., M. D., *Professor of Ophthalmology,  
Otology, Rhinology and Laryngology.*  
A. B., Lynnland Military Institute, Ky., 1875; A. M., Add-Rann University,  
1896; M. D., University of Louisville, 1877; M. D., Jefferson  
Medical College, 1878.

ISAAC M. CLINE, A. M., M. D., PH. D., *Lecturer on Climatology.*  
A. M., Hiawatha College (Tenn.), 1882; M. D., Arkansas University, 1886;  
Ph. D., Add-Rann University, 1896.

\*R. WAVERLY SMITH, ESQ., *Lecturer on Medical Jurisprudence.*

THOMAS FLAVIN, M. D., *Demonstrator of Anatomy.*  
M. D., The University of Texas, 1892.

JOHN THOMAS MOORE, A. M., M. D., *Assistant Demonstrator of  
Anatomy.*  
A. M., Add-Rann University, 1894; M. D., The University of Texas, 1896.

WILLIAM GAMMON, M. D., *Demonstrator of Pathology.*  
M. D., The University of Texas, 1893.

LOUIS EDMOND MAGNENAT, M. D., *Demonstrator of Biology,  
Normal Histology and General Embryology.*  
M. D., The University of Texas, 1895.

THOMAS LUBBOCK KENNEDY, M. D., *Demonstrator of Gynecology.*  
M. D., The University of Texas, 1895.

WILLIAM F. STARLEY, JR., M. D., *Demonstrator of Obstetrics.*  
M. D., The University of Texas, 1895.

ROBERT LEE MCMAHON, M. D., *Demonstrator of Surgery.*  
M. D., The University of Texas, 1896.

\*ADOLPH BERNARD, B. S., PH. D., *Demonstrator of Chemistry  
and Lecturer on Botany.*

CONN L. MILBURN, PH. G., *Demonstrator of Chemistry and  
Lecturer on Botany.*  
Ph. G., The University of Texas, 1897.

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\*Resigned.

HANNA KINDBOM, *Superintendent of Training School and Clinical  
Instructor of Nursing.*

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BENJAMIN WYCHE, LIT. B., *Librarian of the Main University.*  
Lit. B., University of North Carolina, 1894.

SIR SWANTE PALM, *Assistant Librarian.*

AGNES ESTELLE MONTELIN, B. A., *Assistant Librarian.*  
B. A., The University of Texas, 1897.

ANTON NORWALL MOURSUND, LL. B., *Assistant Librarian,*  
*Department of Law.*  
LL. B., The University of Texas, 1897.

JOHN CRAWFORD SANER, LL. B., *Assistant Librarian,*  
*Department of Law.*  
LL. B., The University of Texas, 1897.

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JAMES BENJAMIN CLARK, A. B., *Proctor, and Secretary of the  
Faculties of the Main University, at Austin.*  
A. B., Harvard University, 1855.

JAMES POPE JOHNSON, *Provost, Secretary of the Faculty, and  
Librarian of the Department of Medicine, at Galveston.*

JOHN AVERY LOMAX, B. A., *Registrar of the Main University.*  
B. A., The University of Texas, 1897.

WALTER FREDERIC KELLEY, B. Lit., *Director of the Gymnasium,  
at the Main University.*  
B. Lit., Dartmouth College, 1897.

# THE UNIVERSITY OF TEXAS.

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## **HISTORICAL SKETCH**

The University of Texas is a State institution, ordained by the Constitution, located by popular vote, endowed and maintained by Legislative grants.

The idea of a university for Texas is as old as Texas. The Declaration of Texas Independence, March 2nd, 1836, has for one of the main counts in its indictment against the government of Mexico the following: "It has failed to establish any public system of education, although possessed of almost boundless resources (the public domain), and although it is an axiom in political science that unless a people are educated and enlightened it is idle to expect the continuance of civil liberty, or the capacity for self-government." In accordance with the doctrine thus proclaimed, the first Constitution of the Republic declares it to be the duty of Congress "to provide, as soon as circumstances will permit, \* \* \* a general system of education."

The first direct steps towards the founding of the University were taken by the Congress of the Republic in two acts passed during January, 1839. One of these provided for the setting apart of land for a campus in the future city of Austin. The other appropriated fifty leagues of the vacant lands of the Republic for the purpose of university education.

The establishment of the University was provided for by

an act of the Legislature, February 11, 1858. The preamble of said act reads as follows: "Whereas from the earliest time it has been the cherished design of the people of the Republic and of the State of Texas, that there shall be established within her limits an institution of learning for the instruction of the youths of the land in the higher branches of learning and in the liberal arts and sciences, and to be so endowed, supported and maintained as to place within the reach of our people, whether rich or poor, the opportunity of conferring upon the sons of the State a thorough education, and as a means whereby the attachment of the young men of the State to the interests, the institutions, the rights of the State and the liberties of the people might be encouraged and increased, and to this end liberal appropriations have been made; and whereas the increase of population and wealth of the State, and the tendency of events, indicate the fitness of now putting the cherished design into effect; therefore," etc. This act made provision for the endowment of the University by adding to the fifty leagues granted in 1839 one hundred thousand dollars in United States bonds and one section of land out of every ten reserved for the use of the State by the various acts of the Legislature.

Provision was also made for the organization of the University, but was not carried out because of the Civil War and the unhappy era of Reconstruction. Indeed, under the exigencies of civil war, a large portion of the University endowment had been turned into the general revenue account and appropriated to the necessities of the State. But under direction of the Constitution of 1866 the Legislature refunded the amount previously diverted. The same Constitution provided that "the Legislature shall, at an early day, make such provision by law as will organize and put in

operation the University;" but the times were unpropitious, and the organization was still delayed.

Provision for the organization and maintenance of the University was again made in the Constitution of 1876, as follows: "Sec. 10. The Legislature shall, as soon as practicable, establish, organize and provide for the maintenance, support and direction of a University of the first class, to be located by a vote of the people of this State, and styled 'The University of Texas,' for the promotion of literature, and the arts and sciences, including an agricultural and mechanical department." This Constitution took away from the endowment the lands which had been added to it by the act of 1858, and gave in lieu thereof 1,000,000 acres further west. It made the Agricultural and Mechanical College of Texas, which had been established a short time before and located in Brazos county, a branch of the University, and provided for the subsequent organization of another branch of the University for the instruction of the colored youths of the State. To the lands previously set apart and appropriated for the endowment, the Legislature in 1883 added one million acres.

The act of the Legislature providing for the organization of the University was passed in 1881. It provided for the location of the institution by popular vote, at the same time creating a Board of Regents, to whom was intrusted its organization and government. Among the provisions of the act affecting the policy of the University may be mentioned the limitation of the matriculation fee to thirty dollars, the admission of men and women on equal terms without charge for tuition, and the injunction that no religious qualification should be required for admission to any office or privilege connected with the University, and that no sectarian instruction be given therein.

By popular election in September, 1881, the Main University was located at Austin and the Medical Department at Galveston. Under authority of the Regents the Academic and Law Departments were organized; and on the 15th of September, 1883 the University was formally opened in the University building, then incomplete. The exercises were conducted in the Temporary Capitol until the first day of January, 1884, when the rooms in the University building were occupied. The central part of the Main University building was completed in the fall of 1889. The John Sealy Hospital was donated to the University by the city of Galveston in 1890, to be used in connection with instruction given in the Medical Department. University Hall, then known as Brackenridge Hall, was opened to students December 1, 1890. The Medical Department building at Galveston was completed in the summer of 1891, and the Medical School was formally opened in October of that year. The Chemical Laboratory was opened to students January 1, 1892.

#### GOVERNMENT.

The government of the University is vested in a board of eight regents, selected from different portions of the State, nominated by the Governor, and appointed by and with the advice and consent of the Senate. The members of the board are divided into four classes with reference to tenure, so that the terms of only two members expire at a time.

The Regents have power to establish the departments of a first-class university, to determine the officers and professorships, appoint the necessary administrative officers and instructors, regulate the course of instruction, and pre-

scribe, by and with the advice of the professors, the books and authorities used in the several departments, confer such degrees and grant such diplomas as are usually conferred and granted by universities, and enact such by-laws, rules and regulations as may be necessary for the successful management and government of the University.

Subject to the authority and general direction of the Board of Regents, the President and the several faculties undertake the immediate government and administration of the University.

#### **GENERAL POLICY.**

The University is the head of the State public school system. It admits as students without entrance examinations the graduates of approved State high schools, of the Sam Houston Normal Institute, and of the Agricultural and Mechanical College, as well as teachers holding first-grade State certificates. It is the policy of the University not only to provide the highest culture for the youth of Texas free of charge, but especially to promote in every possible way the development of the public schools.

#### **CO-EDUCATION.**

The opportunities offered by the University in all its departments are open to both sexes on equal terms. The lady students have the advantage of daily conference with Mrs. Helen M. Kirby, who has been appointed by the Regents Lady Assistant in the Faculty.



DEPARTMENT  
OF  
LITERATURE, SCIENCE, AND ARTS.



## DEPARTMENT OF LITERATURE, SCIENCE, AND ARTS.

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### FACULTY.

GEORGE TAYLOR WINSTON, A. M., LL. D., *President.*

GEORGE BRUCE HALSTED, A. M., Ph. D., *Professor of Pure Mathematics.*

GEORGE PIERCE GARRISON, Ph. D., *Professor of History.*

THOMAS ULVAN TAYLOR, M. C. E., *Professor of Applied Mathematics.*

THOMAS FITZ-HUGH, M. A., *Professor of Latin.*

FREDERIC WILLIAM SIMONDS, M. S., Ph. D., *Professor of Geology.*

MORGAN CALLAWAY, JR., Ph. D., *Associate Professor of English Philology.*

SYLVESTER PRIMER, Ph. D., *Associate Professor of Teutonic Languages.*

JOSEPH BALDWIN, LL. D., *Professor Emeritus of Pedagogy.*

WILLIAM JAMES BATTLE, Ph. D., *Associate Professor of Greek.*

SIDNEY EDWARD MEZES, B. S., Ph. D., *Associate Professor of Philosophy.*

DAVID FRANKLIN HOUSTON, A. M., *Associate Professor of Political Science.*

HENRY WINSTON HARPER, Ph. G., M. D., *Associate Professor of Chemistry.*

WESLEY WALKER NORMAN, A. M., *Associate Professor of Biology.*

LAFAYETTE RUPERT HAMBERLIN, B. A., *Adjunct Professor of English and Expression.*

\*EDWIN FITCH NORTHUP, Ph. D., *Associate Professor of Physics.*

MARK HARVEY LIDDELL, A. M., *Associate Professor of English Literature.*

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\*Resigned.

WILLIAM SENECA SUTTON, M. A., *Professor of Pedagogy.*

ALEXANDER CASWELL ELLIS, Ph. D., *Adjunct Professor of Pedagogy.*

WILLIAM TYLER MATHER, Ph. D., *Associate Professor of Physics.*

JULES MAGNENAT, *Instructor in French.*

JESSIE ANDREWS, B. Lit., *Instructor in German.*

ARTHUR LEFEVRE, C. E., *Instructor in Pure Mathematics.*

LESLIE GLADSTONE BUGBEE, M. A., *Instructor in History.*

JAMES ROBINSON BAILEY, B. A., Ph. D., *Instructor in Chemistry.*

LILIA MARY CASIS, M. A., *Instructor in French and Spanish.*

EUGENE PAUL SCHOCH, C. E., M. A., *Instructor in Chemistry.*

MILTON BROCKETT PORTER, B. S., Ph. D., *Instructor in Pure Mathematics.*

ROBERT ANDREW THOMPSON, B. S., M. A., *Instructor in Civil Engineering.*

WILLIAM BRAY, JR., M. A., *Instructor in Botany.*

FRITZ REICHMANN, C. E., M. S., *Tutor in Physics.*

AUGUSTA RUCKER, B. A., *Tutor in Biology.*

CARL COSMO RICE, B. A., *Tutor in Latin.*

HENRY GEORGE HOWARD, B. A., *Fellow in Greek.*

HATTIE VIRGINIA WHITTEN, *Student Assistant in Geology.*

MRS. HELEN MARR KIRBY, M. A., *Lady Assistant.*

JAMES BENJAMIN CLARK, A. B., *Proctor, and Secretary of the Faculty.*

JOHN AVERY LOMAX, B. A., *Registrar.*

### SESSION AND TERMS.

The Session begins on the fourth Wednesday in September and closes on the third Wednesday in June. It is divided into three Terms, called respectively Fall, Winter, and Spring Terms. The Fall Term begins with the Session and closes on the 22d day of December. The Winter Term begins on January 2, 1899, and ends on the third Saturday in March. The Spring Term begins on the Monday next following the third Saturday in March and closes with the session.

**REQUIREMENTS FOR ADMISSION.**

**Age and Character.**

Candidates for admission must not be less than sixteen years of age, and must furnish evidence of good moral character. Testimonials from their last instructors will be preferred.

**Classification.**

Candidates may be admitted to the Department of Literature, Science, and Arts either as Regular or as Special Students.

**REGULAR STUDENTS.**

Candidates may be admitted as Regular Students (A) on examination, (B) on certificate.

**A. ADMISSION ON EXAMINATION.**

*Subjects.*

Candidates for admission on examination will be required to stand entrance examinations in English, History, and Mathematics, as laid down in the Catalogue. Candidates for admission to the B. A. course will stand entrance examinations also in Latin and Greek, as laid down in the Catalogue; or will take Greek A, in case they fail to take the entrance examination in Greek. Candidates for admission to the B. Lit. course will stand the entrance examination in Latin or in Greek, as they may elect; or, in lieu of the entrance examination in Greek, will take Greek A.

In English, candidates will be examined upon Grammar and upon Rhetoric and Composition. An opinion of the character and the amount of knowledge expected in the latter subject may be formed from the high-school rhetoric of Scott and Denney, of Lewis, of A. S. Hill, of Genung, or of Carpenter. Several themes for composition will be assigned from the books named below; and the candidate is expected to be familiar with all the books named for the year in which he enters.

The works from which themes will be drawn are as follows: in 1898, Goldsmith's *Vicar of Wakefield*, Carlyle's *Essay on Burns*, Hawthorne's *The House of the Seven Gables*, Shakespeare's *Macbeth*; in 1899, The Sir Roger de Coverley Papers in Addison's *The Spectator*, Dryden's *Palamon and Arcite*, Cooper's *The Last of the Mohicans*, Burke's *Speech on Conciliation with America*; in 1900, Scott's *Ivanhoe*, Tennyson's *The Princess*, Macaulay's *Essays on Milton and Addison*, De Quincey's *Flight of a Tartar Tribe*. Editions of these books prepared especially for secondary schools are published by Leach, Shewell, and Sanborn (New York) and by Longmans, Green, and Company (New York).

In History the examination will cover the outlines of Universal History. The amount of knowledge required to pass in this subject will be indicated by Myer's *Outlines of General History*.

In Mathematics, the examination will embrace Arithmetic, including the Metric System, Algebra through equations of the second degree, and Plane Geometry.

Candidates wishing to enter Course 1 in Greek (see Courses by Schools) will be examined as follows: in Grammar, on Inflections and Syntax; in any three books of Xenophon's *Anabasis*; in translation of easy Greek at sight;

in elementary exercises in translating English into Greek. Knowledge of accent is required.

Applicants for entrance into the Freshman class in Latin will be examined as follows: in Grammar, with special stress upon Inflections and the Syntax of the Simple Sentence; in translating elementary English prose into Latin; in *Viri Romae*, any two books of Caesar, the four lives of Nepos that bear upon Roman History (Hamilcar, Hannibal, Cato, Atticus), any four orations of Cicero, and the first book of Vergil's *Aeneid* with the scansion of the Dactylic Hexameter.

For specimens of examination papers in these subjects, see Appendix.

#### *Time of Entrance Examinations.*

The regular Entrance Examinations will be held as follows:

Examination in English, Wednesday, September 21, 9 a. m. to 12 m.

Examination in History, Wednesday, September 21, 2 p. m. to 5 p. m.

Examination in Mathematics, Thursday, September 22, 9 a. m. to 12 m.

Examination in Latin, Thursday, September 22, 2 p. m. to 5 p. m.

Examination in Greek, Friday, September 23, 9 a. m. to 12 m.

#### *Entrance Examinations at Other Places Than Austin.*

For the benefit of applicants the Affiliated Schools have been made centers at which entrance examinations will be held under the following rules and regulations:

1. Not later than the second Wednesday in May the Registrar will send under seal Entrance Examination Questions to all Affiliated Schools.

2. The Entrance Examinations, after being duly advertised, will be held on the fourth Wednesday in May at such place and hour as may be convenient.

3. Each applicant upon entering the examination shall pay a fee of three dollars to the Examiner.

4. The Examiner shall open the envelope containing the questions in the presence of the applicants.

5. The answers shall be written with ink, on legal cap paper, on one side only; and the paper shall close with a pledge that no aid was received or given.

6. The examination in any one subject shall not continue longer than three hours.

7. The Examiner shall forward the papers to the Registrar, together with a certificate that the examination has been conducted fairly and in accordance with these rules.

#### B. ADMISSION ON CERTIFICATE.

##### 1. *From State Institutions.*

Graduates of the Sam Houston Normal Institute and of the Agricultural and Mechanical College, and holders of first-grade State certificates, will be admitted to the University without examination and will be allowed to apply for advanced standing under the conditions expressed in the Catalogue.

##### 2. *From Affiliated High Schools.*

The graduates of approved High Schools will be admitted to the University without examination, provided

they have reached the required age. For the list of affiliated High Schools, see page

### **SPECIAL STUDENTS.**

Persons over twenty-one years old, wishing to pursue single lines of study embracing one or two subjects, may be admitted to the Department of Literature, Science, and Arts as Special Students without entrance examinations at the discretion of the President and the Professors in charge of the courses desired.

### **Advanced Standing.**

Candidates for advanced standing will be required to stand examinations on the subjects passed over by the classes which they desire to enter or to present certificates from approved institutions showing clearly that they have satisfactorily completed an equivalent amount of work.

### **High School Scholarships.**

The Board of Regents offers annually a scholarship in the Department of Literature, Science, and Arts, carrying with it exemption from all matriculation and tuition fees, to that graduate of each affiliated high school who has the highest standing in his class.

### **Fees and Expenses.**

In the Department of Literature, Science, and Arts each student will pay to the Proctor, at the beginning of each season, an annual fee of \$10.00.

Students who work in the laboratory will pay an amount sufficient to cover the cost of the material they use.

A contingent deposit of \$5.00 will be required of every student. This deposit shall be paid to the Proctor, and shall be subject to charges to pay fines assessed against the depositor, or to pay for books lost or injured by him. In case there are no such charges, the entire deposit will be returned to the student at the end of the session or upon his withdrawal from the University. In case there are such charges, the balance will be returned; and in case the deposit is exhausted before the end of the session, the student will be required to renew it.

Board, with furnished room, can be obtained in Austin, near the University, at prices varying from \$13.00 to \$20.00 a month.

In University Hall board may be secured for \$15.00 a month.

### **COURSES OF INSTRUCTION.**

The courses offered in the Department of Literature, Science, and Arts are either *one-third*, *two-thirds*, or *full* courses according to the estimated amount of work in each. A full course occupies three hours a week throughout the session; a one-third course one hour a week throughout the session or three hours a week for one term; and a two-thirds course two hours a week throughout the session or three hours a week for two terms. Twenty full courses, or their equivalent, are required for every baccalaureate degree.

Courses are distributed in most branches of study into three groups: those designed for undergraduates; those

open to advanced undergraduates and to graduates; and those open to graduates.

The four terms indicating undergraduate classes—Freshman, Sophomore, Junior, and Senior—are retained, and serve to indicate the amount of work that has been completed. From matriculation to the completion of five and one-third courses, a student is classed as a Freshman; from the completion of five and one-third courses to that of ten, as a Sophomore; from that of ten to that of fifteen, as a Junior; from that of fifteen until graduation, as a Senior.

#### **AMOUNT OF WORK.**

No student will be allowed to register for more than five and one-third courses except on petition approved by the Advisory Committee. For Regular Students the minimum number of courses is four.

#### **SELECTION OF COURSES.**

Students are urged to select their studies with great care, under the best advice. Their plan of work should be arranged, if possible, for their entire college career, and should be adhered to. Their lists of studies for the whole year must be made up at the beginning of the Fall Term and must be approved by the Advisory Committee. No changes can be made after the close of the third week of the session, and none before that time except for special reasons satisfactory to the Committee. Such courses, however, as begin in the Winter or the Spring Term may, for special reasons satisfactory to the Committee, be changed during the first week thereof. At the dis-

cretion of the Professor concerned and of the Advisory Committee, a student may at any time be required to drop a course because of neglect of work or lack of preparation.

### GRADING AND EXAMINATIONS.

Students are graded on their term work and on the results of examinations; and reports are sent to the parents or guardians three times a year—at the close of each term, indicating the character of the work done and the progress made in each case. Students who have done satisfactory work are divided into four groups, graded A, denoting excellent standing; B, very good; C, good; and D, fair. Students failing to do satisfactory work are divided into two groups, graded E and F. Under no conditions will special examinations be given; but students who have made grade E may have an opportunity by examination in September (see Calendar) or on examination with the class the following year to show that they have made good their deficiencies. Those who have made grade F must take the course again in order to receive credit therefor.

Students failing to complete any course satisfactorily are debarred from attempting higher work in the same school until they have made good their deficiencies; but students failing to complete part of a course are not necessarily debarred from going on with such course.

Students absent *without excuse* from an examination in a course, whether intermediate or final, are graded F, and required to take the work again if they desire credit for the course. Those absent *with excuse* from a *final* examination shall be conditioned and shall be allowed an examination in September or with the class the following year. Those absent *with excuse* from an *intermediate* ex-

amination shall be conditioned and shall not be graded until after the next examination which they stand in the course.

A Senior who fails on an examination may have a second examination on petition approved by the Professor in charge and by the Faculty.

### **DEGREES.**

In the Department of Literature, Science, and Arts, the following degrees are offered: Bachelor of Arts (B. A.), Bachelor of Literature (B. Lit.), Bachelor of Science (B. S.), Master of Arts (M. A.), and Master of Science (M. S.).

#### **Requirements for the Baccalaureate Degrees.**

#### **CURRICULA.**

1. For each degree studies are prescribed as follows:

##### **FOR BACHELOR OF ARTS.**

##### *Freshman Year.*

English 1, 1 course.  
Mathematics 1, 1 1-3 courses.  
Latin 1, 1 1-3 courses.  
Greek, 1, 1 1-3 courses.  
Physiology and Hygiene, 1-3 course.  
Physical Culture.

##### *Sophomore Year.*

English, 1 course.

## FOR BACHELOR OF LITERATURE.

*Freshman Year.*

English 1, 1 course.

Mathematics 1, 1 1-3 courses.

Latin or Greek, 1 1-3 courses.

Mod. Lan. 1, or Hist. or Science (Biol., Chem.) 1 1-3 courses.

Physiology and Hygiene, 1-3 course.

Physical Culture.

*Sophomore Year.*

English, 1 course.

## FOR BACHELOR OF SCIENCE.

*Freshman Year.*

English 1, 1 course.

Mathematics 1, 1 1-3 courses.

Mod. Language (Ger., Fr., Sp.) or Hist., 1 1-3 courses.

Mod. Lan. or Sci. (Biol., Chem.), 1 1-3 courses.

Physiology and Hygiene, 1-3 course.

Physical Culture.

*Sophomore Year.*

English, 1 course.

Mod. Lan. (Sci. Ger. or Fr.), 1 course.

Science, 1 course.

2. Students not pursuing one of the prescribed curricula may select studies under the advice of the Advisory Committee. All such students will be registered as Special Students until they have completed the subjects prescribed in the proper Freshman curriculum.

3. After completing the Freshman work students may select, in addition to what is prescribed as Sophomore, any studies they wish, under the following conditions:

(a) Twenty full courses are requisite for graduation.

(b) Three full courses must be completed in some one subject; for B. S. candidates these courses must be in a natural science.

(c) None of the courses named in the curricula can be elected in the Senior year, excepting Biology and Chemistry.

(d) Every candidate for a degree is required to take one full course in each of these subjects: Political Science (Elements of Political Economy and Government), History, Philosophy, and Natural Science.

(e) On completion of the Freshman year, as prescribed above, students must select their studies in conference with the Advisory Committee of the Faculty, consisting of the President and two other members; and no student will be allowed to register for courses of study not approved by this Committee.

(f) The same plan of selection must be followed by students entering the Junior or the Senior year.

#### ESSAY.

Every candidate for graduation is required to prepare and hand to the President by April 1 of the year of his intended graduation a creditable essay or address, whose

title must be submitted to the President for approval on or before the first day of December. From the essays or addresses accepted, the Faculty will select one or more for delivery in public on Commencement Day.

### **Requirements for the Master Degrees.**

#### **I. FOR MASTER OF ARTS.**

For the Degree of Master of Arts the requirements are as follows:

1. A prior degree of Bachelor of Arts or Bachelor of Literature of this University, or of another institution; provided, that in the latter case the Faculty must be satisfied that the courses pursued by the candidate are equivalent to those required by The University of Texas.

2. The equivalent of five full courses of graduate instruction satisfactorily completed; three-fifths of the work to be prosecuted in one school, such time as the instructor in charge may approve being devoted to the preparation of a thesis; the remaining two-fifths to be selected outside that school.

3. At least one year of residence at the University; a residence period longer than one year in case outside duties unduly encroach upon the time necessary to the satisfactory completion of the required work.

4. The approval of the course of study by the Advisory Committee on graduate degrees, and the approval of the thesis by the instructor in charge of it and by the Committee.

## II. FOR MASTER OF SCIENCE.

For the degree of Master of Science the requirements are as follows:

1. A prior degree of Bachelor of Science of The University of Texas, or of another institution; provided, that in the latter case the Faculty must be satisfied that the courses pursued are equivalent to those required by this University.

2. The equivalent of five full courses of graduate instruction satisfactorily completed; three-fifths of the work to be prosecuted in one school, such time as the instructor in charge may approve being devoted to the preparation of a thesis; the remaining two-fifths to be selected outside that school.

3. At least one year of residence at the University; a residence period longer than one year in case outside duties unduly encroach upon the time necessary to the satisfactory completion of the required work.

4. The approval of the course of study by the Advisory Committee on graduate degrees and the approval of the thesis by the professor in charge of it; and by the Committee.

## THESIS.

Every candidate for a Master's degree must communicate to the President the title of his proposed thesis on or before the first Monday in March of the year in which he intends to present himself for final examination, and must hand to the President a fair copy of his thesis on or before the first Monday in May. The thesis with a certificate of

approval will be deposited in the library for public inspection.

A successful candidate for a Master's degree is allowed to print his thesis as one accepted for the degree, with the signed certificate of approval; and either a printed or a written copy of the thesis and the signed certificate must be permanently deposited in the library and remain open to public inspection. The title of his thesis will be named in the Commencement programme and in the next following Annual Catalogue.

#### **Conferring Degrees.**

Degrees will be conferred publicly on Commencement Day.

No Honorary Degrees will be conferred by The University of Texas.

No degree will be conferred without a residence of at least one year at the University.

#### **ATTENDANCE.**

Uniform and punctual attendance upon all the exercises of the University at which the student is due is strictly required. Students absent from any exercise of the University at which they are due must present their excuses to the President not later than the day after their return to their classes.

#### **FELLOWSHIPS.**

The University, permanently established and supported by the State, offers its privileges free of charge for tuition.

The Regents, wishing to help meritorious students, have

established a number of Fellowships, open to graduates of the Department of Literature, Science, and Arts, and of the Department of Engineering, each yielding \$300 a year. The Fellowships are filled in accordance with the following regulations of the Board of Regents:

1. The following Fellowships are hereby created: One Fellowship in Physics; one Fellowship in Biology; and one Fellowship in Geology.

2. These Fellowships are open only to the Graduates of the Department of Literature, Science, and Arts, and the Department of Engineering, who shall wish to pursue graduate or professional studies.

3. The holder of a Fellowship shall be entitled a Fellow, and shall be paid a salary of \$300.

4. A Fellow shall be appointed only for the year succeeding his graduation.

5. A Fellowship shall be conferred by the Regents upon the nomination of the Professor in charge of the school to which a Fellow has been assigned, and upon the recommendation of the Faculty.

6. In making nominations for Fellowships preference shall always be given to Distinguished Students in the respective schools.

7. Publication shall be made on Commencement Day of the Fellows appointed for the next scholastic year.

8. The duties of the Fellows shall be two-fold: They shall assist the Professors in charge of the schools to which they have been assigned, and they shall pursue graduate or professional studies in any school of the University to which they may be admitted.

9. As assistants, Fellows shall be under the direction and control of the Professors in charge of their respective

schools, and shall devote at least four hours of lecture-room work a week to this duty.

10. As graduate or professional students, Fellows shall devote at least twelve hours of lecture-room work a week to graduate or professional studies.

11. The names and the titles of the Fellows shall be published in the Annual Catalogue of the University, immediately after the names of the members of the Faculty.

12. If in the judgment of the Faculty it is deemed inadvisable to fill any Fellowship for any session, a Student Assistant shall be appointed instead of a Fellow. The rules that apply to Fellows, with the exception of 2, 4, and 6, shall, *mutatis mutandis*, apply to Student Assistants.

## **COURSES OF INSTRUCTION BY SCHOOLS.**

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The figure opposite a course indicates the number of lecture hours that are occupied by it for every week. Three hours of laboratory or seminary work are equivalent to one lecture hour. Unless otherwise stated, the course continues throughout the year.

### **School of Biology.**

#### **A.**

#### **ANIMAL BIOLOGY.**

**ASSOCIATE PROFESSOR NORMAN.**

**INSTRUCTOR BRAY.**

**TUTOR RUCKER.**

#### *For Undergraduates.*

**1. *General Biology* (with Plant Biology 1) (*full course*). 3.**

(a) A study of the lower forms of life, mainly one-celled organisms, such as rhizopods and infusoria. Special attention is given to their structure, methods of reproduction, food supply, and prominent characteristics.

(b) A comparative study of the structure of the above named organisms and that of the cellular elements of the higher forms; as well as a comparative study, from a physiological standpoint, of lower and higher forms of life.

## BIOLOGY:

(c) A study of representatives of the principal groups of animals, of which the following is a partial list: fresh-water hydra, hydroids, sea-anemone, phascolosoma or ascaris, earth-worm, star-fish, mussel, crayfish, insect, fish, lizard.

(d) For the strictly botanical portion, see Plant Biology 1.

Course 1 is prerequisite for any course following.

2. *Practical Physiology and Embryology (full course).* 3.

(a) Introduction to Histology, a study of the elements of the primary tissues; (b) a dissection of the cat or dog, including a study of the skeleton; (c) a dissection of the mammalian organs, and the practical histology of the same; (d) the physiology of digestion; (e) introduction to Embryology.

Howell's *Dissection of the Dog*, Mivart's *The Cat*, Foster and Langley's *Practical Physiology*, Schaef-er's *Histology*, Martin's *Human Body*, Stewart's *Manual of Physiology*. In Embryology: Foster and Balfour, Marshall, Schultze.

3. *Field Work in Zoology (with Botany 3c) (one-third course).* 1

This course will serve as an introduction to the study of the local fauna. Weekly excursions will be made to various localities in the vicinity of Austin for collecting insects, crustaceans, centipedes, etc.

BIOLOGY:

*For Undergraduates and Graduates.*

4. *The Development, Histology and Physiology of Some Particular Group of Organs (full course).* 3.

The group to be studied will be determined upon the organization of the class.

5. *Advanced Physiology (two-thirds course).* 2.

Topics for study: Muscular Contraction, Circulation, Respiration, and the Nervous System, with the Special Senses; lectures and laboratory practice.

Literature: the standard journals and works upon Physiology.

A Biological Club will be organized, which will meet weekly for the purpose of reviewing current biological literature both zoological and botanical, of discussing biological questions, and of presenting specific results of individual research either in the field or in the laboratory.

A one-third course in Physiology and Hygiene is given by the Professors of Biology and Chemistry. See Chemistry 11.

B.

PLANT BIOLOGY.

INSTRUCTOR BRAY.

1. *General Biology (with Animal Biology 1) (full course).* 3.

The work of this course will supplement that of Animal Biology 1 as follows:

## BIOLOGY:

(a) The study of the properties of living protoplasm as illustrated in the plant cell; e. g., irritability, nutrition and growth, reproduction.

(b) The study (1) of certain types of one-celled or very simply organized plants (such as fresh-water algae), and (2) of their relations to the higher forms of plants.

(c) The study of representatives of the principal groups of plants, including the following: one type each of the red and brown sea-weeds; chara or nitella, liverworts, mosses, ferns, club moss or other higher ferns, pines, lilies.

2. *Physiological Plant Anatomy, Histology, and Elementary Physiology (full course).* 3.

(a) A detailed and comparative study of plant organs and tissues with special reference to their adaptation to function and environment.

(b) Histological methods. Practical exercises will be given in methods of fixing, staining, imbedding, sectioning, and mounting plant tissues for microscopical study.

(c) Elementary plant physiology. Lectures; text-book; laboratory experiments.

Haberland's *Physiological Plant Anatomy*, Strasburger's *Practical Botany*, Bower's *Practical Botany*, Arthur's *Plant Physiology*, Darwin and Acton's *Plant Physiology*.

Biology 1 or its equivalent is prerequisite.

BIOLOGY:

3. *Introductory Study of the Flora of Texas* (two-thirds course). 2.

(a) The study of the late summer and fall vegetation with special reference to its adaptation for enduring the extreme conditions of the dry season. Fall Term.

(b) The classification, geographical distribution, and economic uses of plants, especially of native or introduced Texas plants. Winter Term.

(c) The study of the local spring flora. No prerequisite. Students may enter course 3c without having taken 3a or 3b. 3c with Animal Biology 3 will constitute a one-third course. Spring Term.

4. *Advanced Study of the Flora of Texas* ((full course). 3.

For graduate students and students of advanced standing. Special problems will be assigned upon consultation with the instructor.

Courses 3 and 4, while embracing the principles of general botany, are indicated as studies in TEXAS flora because of the purpose to organize a constituency for a thorough scientific study of the flora native to the State.

For the Biological Club, see announcement under Animal Biology.

**School of Chemistry.**

ASSOCIATE PROFESSOR HARPER.

INSTRUCTOR BAILEY.

INSTRUCTOR SCHOCH.

Course 1 in Chemistry is prerequisite to all other courses. In any course the right is reserved to substitute one hour of class-room work for three hours of laboratory practice, and *vice versa*.

Students who satisfactorily accomplish courses 1 and 4 will be credited with the Chemistry of the *first* and *second* years in the Department of Medicine at Galveston.

*For Undergraduates.*

1. *Elementary Inorganic Chemistry (one and one-third courses).* 4.

Lectures, recitations, and laboratory practice.

This course is designed to give a definite idea of the fundamental principles of Chemistry. Students will be taught the nature of chemical processes and the use of chemical apparatus, and drilled in accurate habits of observation. Quantitative relations are demonstrated by experiments in the laboratory, supplemented by problems given in the class-room. Qualitative chemical analysis is begun in the second term.

Associate Professor HARPER and Instructor BAILEY.

2. *Qualitative Analysis (full course).* 3.

Nine laboratory hours a week.

Fresenius' *Qualitative Analysis*.

Instructor SCHOCH.

CHEMISTRY:

*For Undergraduates and Graduates.*

3. *Quantitative Analysis (full course).* 3.

Nine laboratory hours a week.

Talbot's *Quantitative Chemical Analysis*; Cairn's *Quantitative Analysis*.

Instructor SCHUCH.

NOTE.—An additional full course in Quantitative Analysis will be given to students who desire advanced work therein.

4. *Medical and Pharmaceutical Chemistry (one and one-third courses).* 4.

Lectures, recitations, and laboratory work.

This course is designed for students who contemplate the study of medicine. It offers instruction in Organic, Medical and Pharmaceutical Chemistry equivalent in amount to that given in the Medical Department, and includes qualitative chemical analysis, examination of organic mixtures for inorganic poisons, such as phosphorus, arsenic, antimony, lead, tin, metallic cyanides, etc.; preparation and tests upon the carbohydrates, fats and oils; chemistry of butter, emulsions, and soaps; tests upon proteid substances; analyses of milk, gastric juice, potable waters; tests for the alkaloidal poisons, and Dragendorff's scheme abbreviated for their separation from organic mixtures; complete examination of normal and pathological urine and urinary calculi by qualitative and quantitative methods; preparation of a few of the more impor-

## CHEMISTRY:

tant organic compounds—marsh gas, iodoform, chloroform, benzoic acid, nitro-benzene, picric acid, aldehyde, oxalic acid, valerianic acid, etc.

Associate Professor HARPER, Instructor BAILEY,  
and Instructor SCHOCH.

5. *Organic Chemistry (one and one-third courses).* 4.

Three lectures and three laboratory hours a week.

Meyer and Jacobson's *Organic Chemistry*; Gattermann's *Organic Preparations*.

Instructor BAILEY.

6. *Chemical Theory (full course).* 3.

This course is designed for students who contemplate the study of advanced Chemistry, and for those who look forward to teaching the subject.

The Periodic Law: Characteristic properties of the elements illustrated by difficult inorganic preparations. Fall Term.

Theory of Chemical Reaction in Aqueous Solutions, illustrated in the preparation of chemically pure inorganic salts. Winter Term.

Atomic and Molecular Theories: Discussion and experimental treatment of Avogadro's hypothesis, contraction of gas volumes, etc. Spring Term.

Instructor SCHOCH.

7. *Assaying (one-third course).* Winter Term. 3.

Nine laboratory hours a week.

Associate Professor HARPER.

CHEMISTRY:

7a. *Assaying (one-third course).* 1.

Three laboratory hours a week for three terms,  
or nine for one term.

Associate Professor HARPER.

*For Graduates.*

8. *Physiological Chemistry (full course).* 3.

This course is designed for graduate students who contemplate the study of medicine. It includes advanced reading and discussions of the chemistry of physiological and pathological topics, and research work in the laboratory.

Associate Professor HARPER.

9. *Advanced Organic Chemistry (full course).* 3.

This course is supplementary to Course 5, and is designed for students who intend to specialize in Organic Chemistry. It embraces advanced reading along special lines, and research work in the laboratory.

Instructor BAILEY.

10. *Physico-Chemical Practicum (one-third course).* 1.

Nine laboratory hours a week for twelve weeks.

Determination of molecular weights by the vapor-density, boiling-point, and freezing-point methods.

For the session 1898-99 this course will be open to students who have completed Chemistry 5.

Associate Professor HARPER.

**CHEMISTRY:****11. *Physiology and Hygiene (one-third course).* 1.**

Lectures and laboratory exercises.

This course is designed to give the student a knowledge of the fundamental tissues of the mammalian body, and of the functions of its organs, and a practical knowledge pertaining to the well-being of man from a hygienic standpoint.

Open to all students.

Associate Professors NORMAN and HARPER.

**School of English.**

ASSOCIATE PROFESSOR CALLAWAY.

ASSOCIATE PROFESSOR LIDDELL.

ADJUNCT PROFESSOR HAMBERLIN.

An easy and skillful use of the English Language and a full appreciation of English Literature are the immediate and practical ends of the teaching given in this Department. Believing that these ends are best attained by the scientific study of both subjects, the Department would urge the importance of prosecuting the work in the spirit of sound scholarship, and would call attention to the need of patient and earnest effort on the part of students to acquire a full knowledge of the history of both the Language and the Literature as a necessary preparation for fruitful work in either. The courses offered are intended to provide the opportunity of acquiring such a knowledge, as well as to furnish means of securing proficiency in writing and speaking English.

ENGLISH:

*For Undergraduates.*

1. *Rhetoric and Composition (full course).* 3.

Carpenter's *Exercises in Rhetoric and English Composition* (advanced course); Brief Essays; Collateral Reading.

Associate Professors CALLAWAY and LIDDELL, and  
Adjunct Professor HAMBERLIN.

This course is required of all candidates for a bachelor's degree, and is prerequisite to any other course in the School of English except Course 5.

2. *General Sketch of English Literature (one-third course).*

Fall Term. 3.

Stopford Brooke's *English Literature*; Lectures;  
Brief Essays.

Associate Professor LIDDELL.

The object of this course is to make students familiar with the names and dates connected with the subject, and to trace the historical development of English Literature in its relation to the thought of English-speaking people. Special attention will be paid to the earlier periods. The course is prerequisite to any subsequent literature course which may be offered in the English School.

3. *New English Literature (two-thirds course).*

Winter and Spring Terms. 3.

Lectures; Reading of Selected Texts; Essays.

Associate Professor LIDDELL.

## ENGLISH:

This course will follow the History of English Literature from the early part of the sixteenth century to the present time, and will involve a large amount of intelligent reading in the best English Classics. Course 2 is prerequisite.

4. *History of the English Language (full course).* 3.  
Lectures; Reading of Selected Texts.  
Associate Professor CALLAWAY.

This course will trace the History of the English Language in its broader outlines from the Old English period to the present.

5. *Elements of Vocal Expression (full course).* 3.  
Lectures; Drill in Distinctness of Utterance, Emphasis, Phrasing, Inflection, and Tone; Delivery of Simple Selections.  
Adjunct Professor HAMBERLIN.

*For Undergraduates and Graduates.*

6. *Middle English (two-thirds course).*  
Fall and Winter Terms. 3.  
Reading of Selected Texts; Lectures.  
Associate Professor CALLAWAY.

Though some time will be devoted to the Northern and Southern Dialects of the Middle English period, particular attention will be paid to the Midland Dialect as represented in the works of Chaucer, with the study of which this course begins.

ENGLISH:

7. *Middle English Literature (one-third course).*

Spring Term. 3.

Associate Professor LIDDELL.

Course 7 is in the main historical, and is primarily intended for students who have completed Course 6 and can read Middle English easily.

8. *Old English Literature (one-third course).*

Spring Term. 3.

Associate Professor LIDDELL.

This course is intended for such students as shall have completed Courses 4 and 9, which are, therefore, prerequisite.

[Not given in 1898-99; to be given in 1899-1900.]

9. *Old English (full course).*

3.

Bright's *Anglo-Saxon Reader*; Sievers's *Old English Grammar*; Lectures.

Associate Professor CALLAWAY.

10. *The History of English Literary Criticism (one-third course).*

Fall Term. 3.

Associate Professor LIDDELL.

It will be the object of Course 10 to examine the standards which have been successively maintained in English Literature, how far they were consistent with its natural development and in what respects they were artificial, and to arrive at some true basis of criticism. Courses 2 and 3 are prerequisite.

## ENGLISH:

11. *English Literature. The Nineteenth Century (one-third course).* Winter Term. 3.

Associate Professor LIDDELL.

Course 11 is properly a continuation of Course 10, which is prerequisite to it, and will deal especially with the criticism of Nineteenth Century Literature in accordance with principles already arrived at in Course 10.

12. *Advanced Work in Vocal Expression (full course).* 3.

Lectures; Text; Vocal and Pantomimic Exercises; Delivery of Various Kinds of Composition.

Adjunct Professor HAMBERLIN.

Besides these regular courses of instruction, the English School holds itself in readiness to give courses of seminary instruction in Chaucer, Spenser, or Shakespeare, or in such other work as may seem advisable, according to the opportunities at its disposal.

**School of Geology.**

PROFESSOR SIMONDS.

STUDENT ASSISTANT WHITTEN.

Courses 2 and 3 are open to students who have completed Geology 1 and Biology 1. Courses 4 to 6 are open to those who have completed Geology 1, Chemistry 1, and Physics 1. Course 4 must precede Course 7.

## GEOLOGY:

1. *Elementary Geology: An Introduction to the Science* (full course). 3.

Lectures and recitations; Le Conte's *Elements of Geology* (fourth edition). For collateral reading, Geikie's *Text-book of Geology* (third edition), Dana's *Manual of Geology* (fourth edition), and for those who read German, Credner's *Elemente der Geologie*.

2. *Historical Geology* (one-third course). Spring Term. 3.

Lectures and recitations; Dana's *Manual of Geology* (fourth edition).

3. *Paleontology* (full course). 3.

Conferences and laboratory practice. Special attention given to the study of the fauna of the Texas Cretaceous.

4. *Mineralogy* (full course). 3.

Elementary Crystallography. Fall Term.

Physical and Descriptive Mineralogy. Winter Term.

Blowpipe Analysis. Spring Term.

Crosby's *Tables for the Determination of Common Minerals*, Dana's *Manual of Mineralogy*, Elderhorst's (Nason's) *Manual of Blowpipe Analysis*.

5. *Economic Geology* (one-third course). Fall Term. 3.

Tarr's *Economic Geology*.

6. *Ore Deposits* (two-thirds course).

Winter and Spring Terms. 3.

Kemp's *Ore Deposits*.

**GEOLOGY:****7. *Elementary Petrography (one-third course).***

Spring Term. 3.

Laboratory practice and conferences.

*Kemp's Hand-book of Rocks.**For Undergraduates and Graduates.***8. *Special and Advanced Geology.***

Special courses are at times laid out to meet the wishes of properly qualified students. During the year 1896-1897 a course on the Building Stones of the United States was given at the request of certain students in the Department of Engineering, and an advanced course in Historical Geology, including a thesis, was arranged for a graduate student.

**School of Greek.**

ASSOCIATE PROFESSOR BATTLE.

FELLOW HOWARD.

The aim of the instruction in the School of Greek is to read with pleasure and appreciation the great masterpieces of Greek literature, to gain an insight into Greek life and thought, and to realize what the world owes to the Greek people.

Course A is intended for those who have not passed the entrance examination in Greek. Course 1 is required of all candidates for the B. A. degree. Course 2 is the regular Sophomore work. Courses 3 and 4, given in alternate years, are intended for Juniors and Seniors. Course 5, a

## GREEK:

graduate course, is open to those who have completed with honor Courses 1, 2, and 3 or 4, or their equivalent.

Students in Greek are earnestly advised to take a course in Greek History as early as possible in their University career.

*For Undergraduates.*A. *Beginners' Class (full course).* 5.

White's *First Greek Book*; Goodwin's *Grammar*;  
Goodwin and White's *Xenophon's Anabasis*; Collar  
and Daniell's *Beginner's Greek Composition*.

1. *Attic Prose (one and one-third courses).* 4.

Xenophon's *Hellenica*; Lysias; Demosthenes'  
*Philippics*; Collar and Daniell's *Beginner's Greek*  
*Composition*.

2. *Epic and Dramatic Poetry (full course).* 3.

Selections from the *Odyssey*; Euripides' *Medea*;  
Aristophanes' *Clouds*; Allinson's *Greek Prose Com-*  
*position*.

3. *The Development of Greek Poetry (full course).* 3.

Jevons' *History of Greek Literature*; Selections  
from the Lyric Poets; Aeschylus' *Agamemnon*;  
Sophocles' *Oedipus Tyrannus*; Aristophanes'  
*Frogs*.

4. *The Development of Greek Prose (full course).* 3.

Jevons' *History of Greek Literature*; Selections  
from Herodotus; Thucydides' *Sicilian Expedition*;

## GREEK:

Plato's *Gorgias*; Selections from Lucian. [Not given in 1898-99.]

*For Graduates.*5. (*Full course*).

3.

The character of the work in this course is determined largely by the needs and wishes of the student. In 1894-95 careful study was made of the drama, with the reading of representative plays. In 1895-96 the entire *Republic* of Plato was read, accompanied by the study and discussion of kindred topics. A second graduate course in 1895-96 dealt with the private antiquities of the Greeks. In 1897-98 the age of Demosthenes is being studied, with special attention to the speeches of Aeschines and Demosthenes *On the Crown*.

**School of History.**

PROFESSOR GARRISON.

INSTRUCTOR BUGBEE.

Students intending to take several courses numbered consecutively are advised to follow the order of the numbering. As far as practical, the topical method of instruction will be used, and the text-books will be supplemented by collateral reading, especially of the "sources." In course 5 the method will be entirely topical. Course 6 is open to those who have had three full courses in History, and in exceptional cases to those who have had only two.

HISTORY:

*For Undergraduates.*

1. *Ancient History (full course).* 3.

This course will include the History of the Ancient East, Greece, and Rome to the fall of the Western Empire.

Myers' *Eastern Nations and Greece*; Myers' *History of Greece*; Pelham's *Outlines of Roman History*; Tighe's *Development of the Roman Constitution*; Kiepert's *Ancient Atlas*.

Instructor BUGBEE.

2. *History of the Middle Ages (full course).* 3.

The Student's *Gibbon*; Emerton's *Introduction to the Middle Ages*; Emerton's *Mediaeval Europe*; Duruy's *History of the Middle Ages*; Oxford *Manuals of English History*, I and II; Adams' *Civilization during the Middle Ages*; Gardiner's *School Atlas of English History*.

Instructor BUGBEE.

3. *History of Modern Europe (full course).* 3.

Lodge's *History of Modern Europe*; *Periods of European History* (Hassall Ed.); IV-VIII; Gardiner's *School Atlas of English History*.

Professor GARRISON.

## HISTORY:

*For Undergraduates and Graduates.*

4. *History of England (full course).* 3.

Green's *Short History of the English People*;  
Gardiner's *School Atlas of English History*.

Professor GARRISON.

5. *History of America (full course).* 3.

Channing and Hart's *Guide to American History*;  
Thwaites' *The Colonies*; Hart's *Formation of the Union*;  
Wilson's *Division and Reunion*; Fisher's *The Colonies*;  
Sloane's *The French War and the Revolution*; Walker's *The Making of the Nation*;  
Burgess' *The Middle Period*; Channing's *Students' History of the United States*;  
Goldwin Smith's *The United States*; Johnston's *History of American Politics*;  
Hart's *American History as Told by Contemporaries*, Vols. I and II.

Professor GARRISON.

6. *Special Historical Investigation.*

The subject of this course in 1898-9 will be the Texas Revolution. The materials for the work will be found in the State archives and in various collections accessible to students of the University. The class will meet once a week, and the credit given to students taking the course will vary with the work done by each from one to three full courses.

Professor GARRISON.

**School of Latin.**

PROFESSOR FITZ-HUGH.

TUTOR RICE.

GENERAL EXPLANATION.—The instruction offered presupposes about four years of substantial training in reading and writing Latin. The undergraduate work is arranged in two parallel series of courses, one in literature and one in language. The series in literature (A, B, C) presents the three successive stages in the evolution of Roman culture—the social-political, the artistic, and the philosophic or reflective stage. Thus, the order of study is the order of historic unfolding. The series in language (A', B', C') accompanies and supplements the series in literature. As elective, either series may be taken and counted apart from the other; but, as prescribed, credit is not given in the literary except in conjunction with the grammatical. The courses included under D are offered as complementary reading to the courses under A, B, and C, respectively; and D' forms an appropriate supplement to A', B', C'. Students are admitted to any course by which they are prepared to profit, but credit for back work implies formal examination on the subjects involved. Courses 1-3 constitute the A. B. and B. Lit. requirement in Latin.

*For Undergraduates.***A. LITERARY SERIES: THE SOCIAL-POLITICAL STAGE.**

The aim in this stage is to exhibit the elements of Roman civilization on its social and political side. It consists of connected readings in the Ro-

## LATIN:

man historians, supplemented by collateral studies in geography, religion, and mythology, and in the private and public life of the people.

1. *The Roman Historians (two-thirds course).*
- 2.

Latin reading in Roman legendary and authentic history: Livy, *I-II, XXI-XXII*; Sallust's *Jugurthine War* and *Conspiracy of Catiline*. The attention of the student is fixed, through the sources, upon the order and process of Roman historical evolution. The readings follow the order of history, and are as extensive as the preparation of the class makes possible. To students specializing in Latin, appropriate reading in Nepos and Cicero is recommended in connection with the authors read in class. The student is urged to keep the historical connection and bridge over any gap in the Latin sources by reading a connected account in some English classic, as Mommsen's *History of Rome* (Dickson).

2. *Roman Antiquities (one-third course).*
- 1.

English collateral reading in classical geography (e. g., Tozer), Roman mythology (e. g., Gayley), and the antiquities of private and public life (e. g., Wilkins).

## LATIN:

## A'. GRAMMATICAL SERIES.

3. *Latin Grammar and Prose Composition (one-third course).* 1.

Latin grammar with emphasis upon the fundamental laws of the language, and exercises in Latin prose composition and in simple Latin conversation.

## B. LITERARY SERIES: THE ARTISTIC STAGE.

The aim in this stage is to exhibit the elements of Roman civilization on its aesthetic side. It consists, on the one hand, of readings from the Roman poets in historical sequence, accompanied by the study of the Latin verse-forms, and, on the other, of an illustrated course in Roman formative art.

4. *The Roman Poets (two-thirds course).* 2.

Latin reading in Roman poetry: the drama, Plautus and Terence; lyric poetry, Catullus and Horace; the epic, Vergil. To those specializing in their Latin studies, selections from the elegaic poets (Ovid, Tibullus and Propertius), and a wider range in epic poetry is recommended. The metric forms of Latin poetry are taught practically, in connection with the authors read in the class.

5. *Roman Art (one-third course).* 1.

English collateral reading in Roman formative art (e. g., Tarbell and Goodyear), including Roman architecture, sculpture and painting. A collection of large-sized photographs from the original is used

## LATIN:

to illustrate this course. The University possesses superb plaster casts of the Hermes of Praxiteles, the Venus of Milo, and the Lateran Sophocles, together with several of the finer specimens from the Parthenon frieze.

## B'. GRAMMATICAL SERIES.

6. *Latin Grammar and Prose Composition (one-third course).* 1.

Systematic study of Latin grammar, with emphasis upon the syntax of the noun, and exercises in Latin prose composition.

## C. LITERARY SERIES: THE REFLECTIVE OR PHILOSOPHICAL STAGE.

The aim in this stage is to exhibit the elements of Roman civilization viewed from its philosophic or reflective side. The ethical philosophy of the Romans is studied in its relation to Greek philosophy, on the one hand, and to Roman religion, on the other.

7. *The Roman Philosophers (two-thirds course).* 2.

Latin reading in Roman philosophy: Eclecticism, Cicero; Epicureanism, Lucretius; Stoicism, Seneca. To students specializing in Latin, wider reading in Cicero's philosophic writings is recommended.

**LATIN:**

8. *History of Graeco-Roman Philosophy* (one-third course). 1.

English collateral reading in the history of philosophic thought in antiquity, with special regard to the ethical schools of the Romans (e. g., Burt's or Zeller's *Outlines*), supplemented by translations of Epictetus (e. g., Rolleston) and Marcus Aurelius (e. g., Zimmern); for specialistic reference, Zeller's *History of Greek Philosophy*.

**C'. GRAMMATICAL SERIES.**

9. *Latin Grammar and Prose Composition* (one-third course). 1.

Systematic study of Latin grammar, with emphasis upon the syntax of the verb, and exercises in Latin prose composition.

*For Undergraduates and Graduates: Supplementary Courses.*

The object of these courses is to cover several important phases of humanistic study not represented in the particular curriculum offered above, and thus to provide also for those who desire to widen the range of their culture-historical or linguistic studies.

## LATIN:

## D. LITERARY SERIES.

10. *Supplementary Reading (two-thirds course).* 2.

Latin reading in Roman history and biography (Tacitus, Suetonius), or in Roman rhetoric and oratory (Cicero, Quintilian), or in Roman satire (Horace, Persius, Juvenal).

11. *History of Roman Literature (one-third course).* 1.

English collateral reading in the history of Latin literature (e. g., Mackail); for specialistic reference, Teuffel's *History of Roman Literature*.

## D'. GRAMMATICAL SERIES.

12. *Latin Historical Grammar and Prose Composition (one-third course).* 1.

A general cultural course in the science of language, with special stress upon the Roman popular vernacular and its evolution into the Romanic idioms. More advanced exercises in Latin prose composition.

*For Graduates.*

13. *Latin Seminary (two years' M. A. Course).*

Graduate instruction in Latin is devoted to philological method and research, and is conducted in the spirit of seminary freedom and originality. It is open only to those who have completed the two undergraduate series of courses (A, B, C and A',

**LATIN:**

B', C') or their equivalent. A facile reading knowledge of German is presupposed; while a good general familiarity with at least one Romance language is very important, though not perhaps indispensable. The aim of the course is to study critically and investigate scientifically the Latin language and literature, while introducing the student to the history and methods of classical philology.

**School of Pure Mathematics.**

**PROFESSOR HALSTED.**

**INSTRUCTOR LEFEVRE.**

**INSTRUCTOR PORTER.**

In the course of instruction here offered special attention is given to the mental discipline of the student. The development of the intellectual powers and the formation and cultivation of correct habits of thinking and reasoning are made a paramount object. Prominence is also given to the practical utility of Mathematics and its power as the instrument of scientific research. The solving of special problems, the application of the principles studied, is required of each class. Throughout the school very special attention is given to the historical development of the subject studied, and the students are made aware that mathematics is a living science, advancing more rapidly now than ever before.

## MATHEMATICS:

*For Undergraduates.*

1. (*One and one-third courses.*) 4.

Spherics—Halsted's *Elementary Synthetic Geometry* (third edition); Solid Geometry—Halsted's *Elements of Geometry* (seventh edition); Advanced Algebra—Wells' *College Algebra*, Lefevre's *Number and Its Algebra*; Plane Trigonometry (Crawley's), with its application to surveying and navigation.

Instructors LEFEVRE and PORTER.

2. (*Full course.*) 3.

Spherical Trigonometry; Conic Sections; Analytical Geometry—Puckle.

Professor HALSTED.

3. (*Two-thirds course.*)

Winter and Spring Terms. 3.

Calculus for Physics and Engineering.

Professor HALSTED.

Instructor PORTER.

4. (*Two-thirds course.*) 2.

Differential and Integral Calculus.

Professor HALSTED.

*For Undergraduates and Graduates.*

5. (*Full course.*) 3.

Theory of Functions; Advanced Integral Calculus; Differential Equations.

Professor HALSTED.

**MATHEMATICS:**

*For Graduates.*

6. *History of Mathematics (two-thirds course).* 2.  
Cajori.

Professor HALSTED.

7. *Modern Geometry; Recent Geometry (two-thirds course).* 2.

The Lemoine-Brocard Geometry; Non-Euclidean  
Geometry; Halsted's Lobachévski, fourth edition;  
Halsted's Bolyai, fourth edition.

Professor HALSTED.

8. *Hypergeometric Functions (two-thirds course).* 2.  
Instructor PORTER.

9. *Geometry of Position (two-thirds course).* 2.  
Halsted's *Pure Projective Geometry*.

Professor HALSTED.

Instructor PORTER.

10. *Algebra of Logic (two-thirds course).* 2.  
Schroeder.

Professor HALSTED.

**School of Applied Mathematics.**

PROFESSOR TAYLOR.

*For Undergraduates.*

1. *General and Applied Mechanics (full course).* 3.

Lectures on General Mechanics, Merriman's *Mechanics of Materials*, Merriman's *Hydraulics*.

This course includes the subjects of General Mechanics, Stresses in Simple Framed Structures, Applied Mechanics, Graphical Statics, Hydrostatics, and Hydrodynamics.

*For Graduates.*

2. *Analytical Mechanics (full course).* 3.

Williamson's *Dynamics*, Routh's *Statics and Dynamics*.

Students applying for a master's degree who have completed course 1, and possess an accurate knowledge of differential and integral calculus, are permitted to enter this course.

3. *Analytical Statics (full course).* 3.

**School of Pedagogy.**

**PROFESSOR SUTTON.**

**ADJUNCT PROFESSOR ELLIS.**

**PROFESSOR EMERITUS BALDWIN.**

The courses are designed to give thorough, practical instruction to students that may hereafter help to decide educational measures, and especially to students desiring to qualify themselves for scientific pedagogical work.

Courses 1, 2, and 3, which are prerequisite to other courses, are open to students that have completed the work of the Freshman year in the University, and to such special students as may be approved by the professors in charge. (For the year 1898-9, courses 1 and 2 *or* course 3 is prerequisite for other courses. For the year 1898-99 students that have completed courses 1 and 4 in philosophy, catalogue of 1896-7, will be admitted to courses 4 and 5 in the School of Pedagogy.)

With the exception of courses 1 and 2, all courses offered in the School of Pedagogy count towards academic degrees.

Certificates issued by the School of Pedagogy to students completing courses 1 and 2 (the "junior course") have the force of teachers' certificates of the first grade, valid throughout the State for a period of two years.

Certificates issued by the School of Pedagogy to students completing courses 1, 2, and 3 (the "advanced course") have the force of teachers' certificates of the first grade, valid throughout the State for a period of four years.

Diplomas conferred by the Board of Regents upon academic graduates completing courses 1, 2, and 3, and also one other course or its equivalent in the School of Peda-

## PEDAGOGY:

gogy (the "degree course"), have the force of teachers' permanent certificates, valid throughout the State.

1. *School Management (one-third course).* Fall Term. 3.

Recitations; lectures; collateral reading; theses.

In this course general problems relating to the organization and conduct of schools will be considered. Especial care will be taken to develop insight into certain fundamental laws, acquaintance with which relieves the teacher of dependence upon mere devices of management. The intimate connection of managing and teaching will be emphasized. The school law of Texas will be studied in the light of the fundamental law of the school.

Professor SUTTON.

2. *Principles and Methods of Teaching (two-thirds course).*

Winter and Spring Terms. 3.

Recitations; lectures; theses; collateral reading.

(a) Physical Education (12 lectures).—Among topics to be studied are school buildings, lighting, heating, and ventilating; the care of the eyes, nose, ears; contagious diseases peculiar to children, proper periods of work and recreation, and the hygiene of the nervous system.

Adjunct Professor ELLIS.

(b) Intellectual and Moral Education.—The laws of teaching as conditioned by the facts of learning will be emphasized. Method will be studied as a necessary, psychological, logical course of procedure, and illustrations from the experience of pupils and from the work of master-teachers will be

PEDAGOGY:

examined, that the ruling principles of method may be clearly understood. From time to time students taking this course will visit the public schools of Austin (a privilege granted by the public school authorities), and will make written reports concerning the work done in those schools.

Professor SUTTON.

3. *Psychology and Ethics (full course).* 3.

Lectures; recitations; laboratory work; reports; and theses.

Psychology.—Special attention will be given to those parts of psychology which have an educational bearing and are preliminary to all higher philosophic study.

Concrete class-room and laboratory experiments will be employed where possible, and the introspective standpoint supplemented by study of the recent work in child, abnormal, and animal psychology. This course will comprise also a brief study of the anatomy, physiology, and hygiene of the brain and general nervous system, together with several clinics in morbid psychology.

Adjunct Professor ELLIS.

Ethics.—Most of the student's time, during the second half-year, will be taken up with reading and special reports thereon. The literature of Ethics is large and very varied, and students will be expected to acquaint themselves with all of it, and to have a good knowledge of some ethical school or writer. The lectures will serve to give a systematic and connected view of the subject. Among the

## PEDAGOGY:

topics discussed will be Conscience, The Cardinal Virtues, The Supreme End, The Standard Conscience, Duty, and Responsibility.

Associate Professor MEZES.

4. *Studies in the History of Education (two-thirds course).* 2.

Lectures; recitations; theses.

In this course will be traced the growth of the educational ideal from the dawn of civilization to the present time. The relations of the school to other institutional forces will be carefully considered. The theories of great educational reformers will be compared with each other and with the doctrines now taught by leaders in education. The rise and development of the public free school will receive especial attention.

Professor SUTTON.

5. *The Philosophy of Education (two-thirds course).*

Fall and Winter Terms. 3.

Lectures, recitations, collateral reading, and thesis.

In this course will be studied the growth of the philosophic and psychological ideas that have underlain and conditioned the various systems of education. There will be included the educational philosophy of Socrates, Plato, and Aristotle, the Early Christian Neo-Platonists, Bacon, Comenius, Locke, Rousseau, Pestalozzi, Kant, Fichte, Schelling, Schiller, Hegel, Herbart, Froebel, Spencer, and a brief summary indicating the lines upon which a new philosophy of education is being developed, as these

PEDAGOGY:

are suggested by the vigorous work in Biology, Physiology, Anthropology, Psychology, and Child-Study.

Adjunct Professor ELLIS.

6. *Child-Study (one-third course).* Spring Term. 3.

Lectures; recitations; collateral reading; and investigation.

The methods, results, and present problems of child-study will be investigated. Observations will be made and recorded, data will be collected, and original investigation along special lines of psychological and pedagogical interest will be undertaken.

Adjunct Professor ELLIS.

7. *Pedagogical Seminary.* 1.

The work of the seminary will consist of free discussions of educational topics selected by the instructors. Reviews of pedagogical books and of articles appearing in educational journals and other periodicals will be prepared by students and will be submitted to the seminary for consideration. From time to time reports upon topics of special interest will be made, and these reports will be thoroughly discussed by members of the seminary. The period for the seminary will be a double period. The credit given the student pursuing this course will depend upon the character and the quantity of the work he accomplishes.

Professor SUTTON and Adjunct Professor ELLIS.

## PEDAGOGY:

8. *School Supervision (one-third course).* Winter Term. 3.

Lectures; recitations; theses; round table discussions.

This course is for advanced students desiring special preparation for the work of the school superintendent. Especial attention will be given to practical problems that confront the supervisory officer in Texas. The grading of schools, the arrangement of courses of study, the selection and professional improvement of teachers, the relations of the superintendent with the school board and with the general public, and other important questions will be studied.

Professor SUTTON.

**School of Philosophy.****ASSOCIATE PROFESSOR MEZES.**

Course 1 is prerequisite to further work in Philosophy. It is open to all law students. Freshmen will not be admitted.

*For Undergraduates.*1. *Psychology and Ethics (full course).* 3.

Lectures; recitations; laboratory work; reports; and theses. The two subjects will divide the year about evenly.

Psychology.—Special attention will be given to those parts of psychology which have an educa-

**PHILOSOPHY:**

tional bearing and to those that are preliminary to philosophic study.

Concrete class-room and laboratory experiments will be employed where possible, and the introspective standpoint supplemented by study of the recent work in child, animal, and abnormal psychology. This course will comprise also a brief study of the anatomy, physiology and hygiene of the brain and general nervous system, together with several clinics in morbid psychology.

Adjunct Professor ELLIS.

**Ethics.**—Most of the student's time, during the second half-year, will be taken up with reading and special reports thereon. The literature of Ethics is large and very varied, and students will be expected to acquaint themselves with the whole of it, and have a good knowledge of some school or writer. The lectures will serve to give a systematic and connected view of the subject. Among the topics discussed will be Conscience, The Cardinal Virtues, The Supreme End, The Standard Conscience, Duty, and Responsibility.

Associate Professor MEZES.

*For Undergraduates and Graduates.*

2. *Logic (one-third course).*

Fall Term. 3.

Discussions; exercises; and occasional lectures.

This course is intended to be parallel and supplementary either to course 1 or to course 3, at the option of the student. While it is not a prerequisite, it is recommended to all students taking Philoso-

## PHILOSOPHY:

phy. Traditional logical doctrine will not be neglected; but the main stress will be laid on more modern problems and methods of presentation, in order that the course may be useful to scientific workers generally, as well as in practical concerns. The basis of the course will be Venn's *Empirical Logic*.

Associate Professor MEZES.

3. *Historical Course (full course).*

3.

Discussions; theses; and occasional lectures; Windelband's *History of Philosophy*, and selections from Locke, Berkley, Hume, and Kant.

The purpose of this course is to acquaint students with the views of the chief European philosophers, the emphasis being laid on modern thought in England and Germany. Nearly one-third of the year will be given to the English thinkers mentioned above, and another third to Kant; the remaining third will be taken up with introductory lectures outlining Greek, mediaeval and modern continental philosophy prior to Kant, and with concluding lectures suggesting post-Kantian development. The constant aim will be to get the problems stated in modern and comprehensible terms; to show that these problems arise naturally and inevitably; and to trace the historical kinship of the different problems as they appear in one mind after another.

Associate Professor MEZES.

PHILOSOPHY:

4. *Philosophy of Education (two-thirds course).*

Winter and Spring Terms. 3.

In this course will be studied the growth of the philosophic and psychological ideas that have underlain and conditioned the various systems of education. There will be included the educational philosophy of Socrates, Plato, and Aristotle, the Early Christian Neo-Platonists, Bacon, Comenius, Locke, Rousseau, Pestalozzi, Kant, Fichte, Schelling, Schiller, Hegel, Herbart, Froebel, Spencer, and a brief summary indicating the lines upon which a new philosophy of education is being developed, as these are suggested by the vigorous work in Biology, Physiology, Anthropology, Psychology, and Child-Study.

Adjunct Professor ELLIS.

5. *Experimental Psychology (full course).*

3.

This course will be given in 1898-99, if the needed apparatus is obtained.

Associate Professor MEZES.

Adjunct Professor ELLIS.

*For Graduates.*

6. *Seminary (full course).*

3.

The purpose of this course is to give students another approach to philosophical problems. Books are constantly appearing that state these problems clearly, forcibly, and in familiar terms; and some students may find such statements more comprehensible, more satisfying, and better adapted to

## PHILOSOPHY:

give them a basis on which to form their own views.

This course will be given if a sufficient number of competent students desire to take it.

Associate Professor MEZES.

**School of Physics.**

ASSOCIATE PROFESSOR MATHER.

TUTOR REICHMANN.

*For Undergraduates.*

1. *General Physics (full course).* 3.

Ames' *Theory of Physics*.

Three lectures or recitations a week.

This course gives a presentation of the general subject of Physics, illustrated by properly chosen experiments. The strongest endeavor is made to furnish the minds of the students with correct physical conceptions, and to encourage them in habits of accurate thinking. Numerous exercises and problems are given to the class in order to develop the student's reasoning powers, and to make the subject disciplinary as well as instructive.

Mathematics 1 is prerequisite.

Associate Professor MATHER.

2. *Laboratory Practice (one-third course).* 1.

Three hours a week.

This course is arranged to accompany that of General Physics. The experiments are quantitative in character, and the object is both to

**PHYSICS:**

familiarize the student with physical phenomena and laws, and to teach him to acquire skill in manipulation and the habit of reasoning from observed facts. Written records and reports of the experiments performed are required of each student.

Students who desire to pursue further the study of Physics are required to take this course, and it is earnestly recommended to all who wish a more than superficial knowledge of the subject.

Tutor REICHMANN.

3. *Modern Applications of Electricity (one-third course).*

Winter Term. 3.

Three lectures a week.

This course is intended for students who, having completed course 1, desire a practical knowledge of modern electrical appliances.

Tutor REICHMANN.

4. *General Physics—Advanced (full course).*

3.

Three lectures or recitations a week.

The lectures are largely mathematical, and include Mechanics, Elementary Thermodynamics, Mathematical Theory of Electricity and Magnetism, and Geometrical and Physical Optics.

A knowledge of calculus is required, and students who have not previously received instruction in this subject are required to take Mathematics 3 simultaneously. Physics 1 and 2 are prerequisite.

Associate Professor MATHER.

## PHYSICS:

5. *Laboratory Practice—Advanced (two-thirds course).* 2.

Six hours a week.

This course includes problems of a more difficult character than those of the first year, requiring increased theoretical knowledge and skill in the use of apparatus.

Courses 4 and 5 are required to be taken simultaneously.

Tutor REICHMANN.

*For Undergraduates and Graduates.*

6. *Theoretical Mechanics and Hydrodynamics (full course).* 3.

Three lectures a week.

Ziwet's *Theoretical Mechanics*.

The mathematical theory of the subject is developed, and numerous practical problems are given.

Courses 4 and 5 are prerequisite.

Associate Professor MATHER.

7. *Laboratory Practice (two-thirds course.)* 2.

Six hours a week.

Special topics for study and investigation are assigned to each student, having in view the preparation for graduate work in other institutions.

Associate Professor MATHER.

Tutor REICHMANN.

**School of Political Science.**

**ASSOCIATE PROFESSOR HOUSTON.**

The courses in this school are open to Sophomores of *high rank*, Juniors, Seniors, Graduates, and Law Students.

**ECONOMICS.**

1. *Elements of Economics (full course).* 3.

Marshall, *Elements of the Economics of Industry*;  
Hadley, *Economics*.

Supplementary lectures on the history of economic thought, labor problems, industrial history, elements of finance and banking, taxation, nature and functions of government, and socialism.

This course is required of all candidates for academic degrees.

2. *Industrial Evolution of the United States (two-thirds course).* Fall and Winter Terms. 3.

Wright, *Industrial Evolution of the United States*; Taussig, *Tariff History of the United States*; Rabbeno, *American Commercial Policy*; Hadley, *Railroad Transportation*; Ely, *The Labor Movement in America*; Von Halle, *Trusts*.

The beginnings, growth, and shifting of industry; mechanical inventions; improvements in transportation—roads, railways, canals, shipping; origin, organization, aims, and power of capitalistic combinations and labor unions; industrial depressions; character and effects of legislation; present situation in the South and West.

## POLITICAL SCIENCE:

3. *Financial History of the United States (one-third course).* Spring Term. 3.

Dunbar, *Laws of the United States Relating to Currency, Finance, and Banking.*

Lectures on Hamilton's financial system, the bank controversies, State banking, war finances, resumption of specie payments, and the present situation.  
[Omitted in 1898-99.]

4. *Public Income and Expenditure (two-thirds course).*

Fall and Winter Terms. 3.

Bastable, *Public Finance*; Seligman, *Essays in Taxation.*

A comparative study of the objects of expenditure, the sources of revenue, the principles and methods of taxation, public debts, budgets, in the United States, England, France, and Germany. Special reference to practices of American States.

[Omitted in 1898-99.]

5. *Money and Banking (one-third course).*

Spring Term. 3.

Jevons, *Money and the Mechanism of Exchange*; Walker, *Money*; Dunbar, *The Theory and History of Banking*; Macleod, *Theory and Practice of Banking*; Conant, *History of Modern Banks of Issue.*

An examination of the production of the precious metals, characteristics of a satisfactory circulating medium, theory of banking, issue and deposit, influence of credit, sketch of the history of banking, and the leading features of the principal banking arrangements.

POLITICAL SCIENCE:

GOVERNMENT.

6. *Federal Government in the United States (one-third course).* Fall Term. 3.

Bryce, *The American Commonwealth*; Stevens, *Sources of the United States Constitution*; Wilson, *Congressional Government*; Pomeroy, *Constitutional Law*; Mason, *Veto Power*.

The formation of the Union, the machinery of government, division of powers, political theories and methods, practical problems.

7. *The State Arrangements (one-third course).*

Winter Term. 3.

Bryce, *The American Commonwealth*; *Texts of Constitutions*.

A comparative study of the constitutions and political methods in the leading States, origin and growth of State constitutions, tendency in constitution making, past and present position of the States, nominating machinery. Special reference to the government of Texas.

8. *Comparative Municipal Government (one-third course).*

Spring Term. 3.

Wilcox, *The Study of City Government*; Conkling, *City Government in the United States*; Goodnow, *Municipal Home Rule*; Goodnow, *Municipal Problems*; Shaw, *Municipal Government in Great Britain*.

A comparative study of municipal organization, control, functions, and political methods.

## POLITICAL SCIENCE:

9. *Comparative Constitutional Law (full course).* 3.

Boutmy, *Studies in Constitutional Law*; Burgess, *Political Science and Comparative Constitutional Law*; Lowell, *Governments and Parties in Continental Europe*; Crane and Moses, *Politics—An Introduction to the Study of Comparative Constitutional Law*.

A study of the arrangements in the United States, Canada, Great Britain, France, Italy, Germany, Austria, and Switzerland. Special attention to the conduct of parliamentary bodies, cabinets, relations between central and local bodies, suffrage, and problems of religion and race.

[Probably omitted in 1898-99.]

## COURSE FOR LAW STUDENTS.

10. *Economics and Government (full course).* 3.

Marshall, *Elements of the Economics of Industry*; Hadley, *Economics*; Crane and Moses, *Politics—An Introduction to the Study of Comparative Constitutional Law*.

Supplementary lectures on the elements of finance, taxation, labor problems, trusts, origin and characteristics of the State, the nature and seat of sovereignty, the functions of government, the form of constitutions, the separation of powers.

Prescribed for candidates for the degree of LL. B.

POLITICAL SCIENCE:

STUDIES IN SOCIAL SCIENCE.

Course 1 will be given by the Associate Professor of Philosophy (Mezes) if it is elected by a sufficient number of advanced students. Further instruction, as outlined in courses 2 and 3, will be given if the demand and the teaching force warrant it.

11. *Early Society (one-third course).* Fall Term. 3.

The general purpose of this course is to describe in broadest outline the origin and the life of primitive man during the savage and barbarous stages. Special topics will be—A comparative study of man and his immediate animal progenitors, physically, mentally, socially, and morally; suggestions of the development of the former into man; the region of man's origination; his antiquity; early social institutions, such as the family, industry, church and state; language and writing; the races of man; and other topics as time may permit.

12. *History of Social Theories (one-third course).*

Winter Term. 3.

An examination of the views of the leading authorities on social science. The principal features of the systems of such writers as Comte, Spencer, Giddings, will be presented.

13. *Dependent and Defective Classes (one-third course).*

Spring Term. 3.

Position of the dependent and defective classes in society; public and private activities; charities; pre-

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ROMANCE LANGUAGES:

Sand's *La Petite Fadette*; Choix d'extraits de Daudet.

Critical essays (in French): (a) On Lamartine, A. de Musset, George Sand; (b) On Victor Hugo, and his place in French Literature; (c) On the Romantic School; translation from English; French composition; exercises in recitation.

Instructor MAGNENAT.

4. *Classical French Plays (full course).* 3.

Corneille's *Le Cid*; Moliere's *L'Avare*; Racine's *Athalie*; critical essays (in French) on *Le Cid*, *L'Avare*, *Athalie*; translation from English; French composition; exercises in recitation.

Instructor MAGNENAT.

*For Graduates.*

5. *Old French (two-thirds course).* 2.

Cledat's *Grammaire Historique*; Constans's *Chrestomathie*; Lectures on Comparative Grammar. Associate Professor PRIMER and Instructor MAGNENAT.

6. *Scientific French (full course).* 3.

Luquiens' *La Science Populaire*; Milne-Edwards' *Physiologie*; Sainte-Beuve's Selected Essays.

Instructor MAGNENAT.

7. *French Seminary (one-third course).* 1.

Meetings weekly. The exercises consist of reading and conversation.

Associate Professor PRIMER and Instructor MAGNENAT.

## ROMANCE LANGUAGES:

## SPANISH.

*For Undergraduates.*

1. *Spanish Grammar (one and one-third courses).* 4.

Monsanto's *Spanish Grammar*; *El Final de Norma*; Spanish prose composition.

Instructor CASIS.

2. *Spanish Syntax (full course).* 3.

Galdós' *Dona Perfecta*; Cervantes' *Don Quijote*.  
Critical Essays (in Spanish). Recent Spanish Literature.

Associate Professor PRIMER.

*For Undergraduates and Graduates.*

3. *Classical Plays (full course).* 3.

Lope de Vega's *La Estrella de Sevilla*; Calderon's  
*El Principe Constante*; Moreto's *El Lindo Don Diego*. Early Spanish Literature.

Associate Professor PRIMER.

*For Graduates.*

4. *Special Work (two-thirds course).* 2.

Reading of the *Cid Concioneros*, etc.

Associate Professor PRIMER.

5. *Spanish Seminary (one-third course).* 1.

Meetings weekly. The exercises consist of reading and conversation.

Associate Professor PRIMER and Instructor CASIS.

**Teutonic Languages.**

ASSOCIATE PROFESSOR PRIMER.

INSTRUCTOR ANDREWS.

GERMAN.

Courses 1-4 are consecutive, and must be taken in their regular order.

*For Undergraduates.*

1. *German Grammar (one and one-third courses).* 4.

Joynes-Meissner's *German Grammar*; Buchheims' *German Reader*.

Instructor ANDREWS.

2. *German Syntax (full course).* 3.

Joynes-Meissner's *German Grammar*; Buchheim's *German Prose Composition*; Baumbach's *Der Schwiegersohn*; Heyse's *Anfang und Ende*.

Instructor ANDREWS

3. *Classical German Plays (full course).* 3.

Lessing's *Minna von Barnhelm*; Goethe's *Egmont*; Schiller's *Wilhelm Tell*. Essays (in German).  
German Literature.

Associate Professor PRIMER and Instructor ANDREWS.

## TEUTONIC LANGUAGES:

*For Undergraduates and Graduates.*

4. *Studies in German Literature (full course).* 3.

Lessing's *Nathan der Weise*; Von Klenze's *Deutsche Gedichte*; Goethe's *Faust*. Essays (in German). German Literature.

Associate Professor PRIMER.

*For Graduates.*

5. *Gothic, Old High German, and Middle High German (full course).* 3.

Grammar and Literature. Comparative study of the Teutonic Languages.

Associate Professor PRIMER.

6. *Scientific German (full course).* 3.

Hirzel's *Chemie*; Haas's *Geologie*.

Associate Professor PRIMER.

7. *German Seminary (one-third course).* 1.

Meetings weekly. Reading and conversation.



**THE UNIVERSITY OF TEXAS.**  
**DEPARTMENT OF LITERATURE, SCIENCE, AND ARTS.**  
**SCHEDULE OF HOURS FOR SESSION OF 1898-99.**

| Hrs.  | MONDAY.                                                                                                                                                                                      | TUESDAY.                                                                                                                                                                                    | WEDNESDAY.                                                                                                                                                                                  | THURSDAY.                                                                                                                                                                                                                          | FRIDAY.                                                                                                                                                                                                                      | SATURDAY.                                                                                                                                   |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 9-10  | Chemistry 5.<br>Engineering 2.<br>English 1, I; 2(F.), I;<br>3(W. S.), I.<br>History 1, I; 4.<br>Latin 7.<br>Political Science 11<br>(F.); 12(W.); 13(S.).<br>Spanish 1, I; 4.               | Chemistry 5.<br>Engineering 2.<br>English 1, I; 2(F.).<br>I; 3(W. S.), I.<br>French 5.<br>History 1, I; 4.<br>Latin 7.<br>Political Science 11<br>(F.); 12(W.); 13(S.).<br>Spanish 1, I; 4. | Chemistry 5.<br>Engineering 2.<br>English 1, I; 2(F.).<br>I; 3(W. S.), I.<br>French 5.<br>History 1, I; 4.<br>Latin 7.<br>Political Science 11<br>(F.); 12(W.); 13(S.).<br>Spanish 1, I; 4. | Engineering 1.<br>English 4.<br>Greek 3.<br>History 2; 5.<br>Latin 1, I.<br>Mathematics 5.<br>Pedagogy 4.<br>Spanish 1, I; 2.                                                                                                      | Chemistry 5.<br>Engineering 2.<br>English 1, I; 2(F.).<br>I; 3(W. S.), I.<br>French 5.<br>History 1, I; 4.<br>Latin 1, I.<br>Political Science 11<br>(F.); 12(W.); 13(S.).                                                   | Engineering 1.<br>English 4.<br>Greek 3.<br>History 2; 5.<br>Latin 1, I; 3, II.<br>Mathematics 5.<br>Spanish 2.                             |
| 10-11 | Engineering 3.<br>French 6.<br>Geology 2(S.).<br>German 1, I.<br>Greek 2.<br>Latin 2, II.<br>Mathematics 1, I, II.<br>Physics 4.<br>Political Science 6<br>(F.); 7(W.); 8(S.).<br>Spanish 3. | Engineering 3.<br>French 6.<br>Geology 2(S.).<br>Greek 2.<br>Latin 1, II.<br>Physics 4.<br>Political Science 6<br>(F.); 7(W.); 8(S.).<br>Spanish 3.                                         | Engineering 3.<br>French 6.<br>Geology 2(S.).<br>Greek 2.<br>Latin 1, II.<br>Physics 4.<br>Political Science 6<br>(F.); 7(W.); 8(S.).<br>Spanish 3.                                         | Engineering 4.<br>English 5.<br>French 4.<br>German 1, I; 5.<br>Latin 4.<br>Mathematics 1, I, II.<br>Philosophy 1 [Ped-<br>agogy 8].<br>Physics 1.                                                                                 | Engineering 3.<br>French 4.<br>Geology 2(S.).<br>German 1, I.<br>Greek 2.<br>Latin 1, II.<br>Mathematics 1, I, II.<br>Physics 4.<br>Political Science 6<br>(F.); 7(W.); 8(S.).<br>Spanish 3.                                 | Engineering 4.<br>English 5.<br>French 4.<br>German 6.<br>Latin 5.<br>Philosophy 1 [Ped-<br>agogy 8].<br>Physics 1.                         |
| 11-12 | Chemistry 7 (W.);<br>7a(S.).<br>English 1, II, III.<br>German 4.<br>History 3.<br>Mathematics 1, III.<br>IV; 2.<br>Pedagogy 5 (F. W.)<br>[Philosophy 4]; 6<br>(S.); 8(W.).<br>Spanish 1, II. | Chemistry 4 M.<br>English 1, II, III.<br>German 4.<br>History 3.<br>Latin 3, I.<br>Mathematics 2.<br>Pedagogy 5 (F. W.)<br>[Philosophy 4]; 6<br>(S.); 8(W.).<br>Spanish 1, II.              | Chemistry 4 M.<br>English 1, II, III.<br>German 4.<br>History 3.<br>Latin 3, I.<br>Mathematics 2.<br>Pedagogy 5 (F. W.)<br>[Philosophy 4]; 6<br>(S.); 8(W.).<br>Spanish 1, II.              | Animal Biology 4.<br>Chemistry 1.<br>English 2(F.), II; 3<br>(W. S.), II; 9.<br>German 6.<br>History 3.<br>Latin 10.<br>Mathematics 1, III.<br>IV; 4.<br>Pedagogy 5 (F. W.)<br>[Philosophy 4]; 6<br>(S.); 8(W.).<br>Spanish 1, II. | Animal Biology 4<br>M.<br>Chemistry 1, II, III.<br>English 1, II, III.<br>German 4.<br>History 3.<br>Latin 12.<br>Mathematics 1, III.<br>IV; 2.<br>Pedagogy 5 (F. W.)<br>[Philosophy 4]; 6<br>(S.); 8(W.).<br>Spanish 1, II. | Chemistry 1.<br>English 2(F.), II; 3<br>(W. S.), II; 9.<br>French 7.<br>German 6.<br>History 1, II.<br>Latin 6; 11.<br>Political Science 1. |

# DEPARTMENT LITERATURE, SCIENCE, AND ARTS. 91

DEPARTMENT OF LITERATURE, SCIENCE, AND ARTS. SCHEDULE OF HOURS FOR SESSION OF 1898-99—continued.

| HRS. | MONDAY.                                                                                                                                          | TUESDAY.                                                                                                                                                                                     | WEDNESDAY.                                                                                                                                     | THURSDAY.                                                                                                                                                                                                | FRIDAY.                                                                                                                          | SATURDAY.                                                                                                                                                    |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12-1 | English 1. IV.<br>French 1. I.<br>Greek 1.<br>Mathematics 1. V.<br>VI.<br>Philosophy 3.<br>Physics 6.<br>Political Science 2<br>(F. W.); 5 (S.). | English 6 (F. W.);<br>7 (S.); 10 (F.); 11<br>(W.); 12.<br>French 1. I.<br>Geology 5 (F.); 6<br>(W. S.).<br>German 2; 3.<br>Mathematics 1. V.<br>VI.<br>Philosophy 2 (F.).<br>Physics 3 (W.). | English 1. IV.<br>French 1. I.<br>Greek 1.<br>Geology 1.<br>Greek 1.<br>Philosophy 3.<br>Physics 6.<br>Political Science 2<br>(F. W.); 5 (S.). | English 6 (F. W.);<br>7 (S.); 10 (F.); 11<br>(W.); 12.<br>French 1. I.<br>Geology 5 (F.); 6<br>(W. S.).<br>German 2; 3.<br>Greek 1.<br>Mathematics 1. V.<br>VI.<br>Philosophy 2 (F.).<br>Physics 3 (W.). | English 1. IV.<br>Greek 1.<br>Mathematics 1. V.<br>VI.<br>Philosophy 3.<br>Physics 6.<br>Political Science 2<br>(F. W.); 5 (S.). | English 6 (F. W.);<br>7 (S.); 10 (F.); 11<br>(W.); 12.<br>Geology 5 (F.); 6<br>(W. S.).<br>German 2; 3.<br>Latin 9.<br>Philosophy 2 (F.).<br>Physics 3 (W.). |
| 2-3  | Biology 1.<br>French 2.<br>Geology 7.<br>Greek A.<br>Mathematics 3 (W.<br>S.).<br>Pedagogy 1 (F.); 2<br>(W. S.).                                 | French 1. II; 3.<br>German 1. II.<br>Greek A.<br>(W. S.).<br>Pedagogy 1 (F.); 2<br>(W. S.).                                                                                                  | Biology 1.<br>French 1. II; 2.<br>German 1. II.<br>Greek A.<br>Mathematics 3<br>(W. S.).<br>Pedagogy 1 (F.); 2<br>(W. S.).                     | French 1. II; 3.<br>German 1. II.<br>Greek A.                                                                                                                                                            | Biology 1.<br>French 1. II; 2.<br>German 1. II.<br>Greek A.<br>Mathematics 3<br>(W. S.).<br>Pedagogy 1 (F.); 2<br>(W. S.).       | French 3.                                                                                                                                                    |
| 3-4  | Political Science 10                                                                                                                             | Political Science 10                                                                                                                                                                         | Political Science 10                                                                                                                           |                                                                                                                                                                                                          | Physiology and Hygiene.<br>Political Science 10                                                                                  |                                                                                                                                                              |

Morning prayers daily, except Sunday, at 8:40.

SEMINARY HOURS: German, Tuesday night; others as arranged by the professors concerned, if not provided for above.

LABORATORY HOURS:

Biology 1. a, Monday and Wednesday 3-5; 1. b, Tuesday and Thursday 3-5.

Animal Biology 2, Monday, Wednesday and Friday 2-5; 5, Tuesday and Thursday 3-5.

Plant Biology 2, Tuesday and Thursday 2-5; 3, Monday, Wednesday and Friday 3-5.

Chemistry 1. a, Thursday 3-6; 1. b, Saturday 3-6; 2, Tuesday and Saturday 3-6; 3, Saturday 3-6; 4 M, Wednesday and Friday 9-5.

Drawing, every week-day 9-5.

Engineering, Field Work, Monday 3-6.

Geology, every week-day, except Saturday, 9-1 and 2-5.

Physics 2, Thursday 3-6; 5, Tuesday and Wednesday 3-6.

Physiology and Hygiene, Saturday.

NOTE.—The letters F, W, S, in parentheses indicate the term (Fall, Winter, Spring) in which the course is given. All other

courses continue throughout the year.

### **LOCATION.**

The Department of Literature, Science and Arts, the Department of Engineering, and the Department of Law are at Austin; the Department of Medicine is at Galveston.

The buildings in Austin are situated on a tract of forty acres, bounded by Twenty-first, San Marcos, Twenty-fourth and Lampasas streets, about three-quarters of a mile north of the State Capitol. The site commands an extensive view in every direction, but especially of the city of Austin and of the highlands beyond the Colorado River.

### **EQUIPMENT.**

#### **Buildings.**

#### **THE MAIN BUILDING.**

The Main Building occupies a position near the center of the campus, facing south. It is of light-colored brick, with white stone trimmings. The west wing, erected in 1883, is three stories in height, with a high basement. Its dimensions, outside measurement, are 78x108 feet. The central portion of the building, together with the north wing, was erected in 1889. Exclusive of the assembly hall, it is four stories in height, and is surmounted by a tower 24x24 feet, rising to a height of 160 feet. Its dimensions are 46x116 feet. The assembly hall, in the second story of the north wing of the main building, is of the Gothic style of architecture. It is 78x128 feet, and is finished in pine, with a gallery and a stage. It is furnished with opera chairs, and has a seating capacity of about 1700 persons. This building is heated by steam. The east wing, similar in its general

appearance to the west wing, is now in the process of erection. It will be ready for occupancy at the opening of the next session.

#### UNIVERSITY HALL.

University Hall, the gift of Mr. George W. Brackenridge of San Antonio, one of the Regents of the University, was completed December 1, 1890. Its situation is directly east of the main building. Erected especially for students, it contains twenty-four lodging rooms and a restaurant, and is supplied with every convenience. It is heated throughout by the Bolton hot water system, and each room has a large bay window and is lighted with electricity.

#### THE CHEMICAL BUILDING.

The Chemical Building was erected in 1891, at a cost of \$25,000. It is a substantial edifice of brick, with white stone and red brick trimmings, 62x92 feet (outside dimensions), and two stories in height. Its situation is northwest of the main building.

There are fifteen rooms, large and small, in this building, all of which are well lighted and ventilated. They include various laboratories and work rooms, such as are usually found in chemical buildings.

#### Laboratories, Etc.

#### CHEMICAL LABORATORIES.

The Assay Laboratory is fire-proof, and is provided with the necessary furnaces and apparatus. The laboratory for beginners is a large room, 35x60 feet, and has accommoda-

tions for seventy-two students. These two rooms, together with store-rooms and the assistant's room, constitute the lower floor of the building.

The laboratories for advanced students, weighing rooms, lecture room, and the Professor's office and private laboratory occupy the second floor.

The apparatus belonging to the School of Chemistry is of the best quality, and sufficient to afford students the opportunity of engaging in almost any kind of theoretical or practical work.

#### BIOLOGICAL LABORATORIES.

The rooms for the School of Biology are in the basement of the west wing of the main building.

As to equipment, there are 36 compound microscopes, 10 dissecting microscopes; a Thoma-Jung, a Minot-Zimmermann, and a simple microtome; several pieces of physiological apparatus, as batteries, induction coil, kymograph, tuning fork, muscle-clamp, Englemann's gas chambers, etc.

The Lecture Room is provided with a complete series of 100 of the celebrated Leuckart and Nitché zoological wall-charts, and with a specially prepared series of water-color charts, illustrating the fundamental tissues, general biology, embryology of the chick, etc. In addition there are models, by Brendel, of bacteria, stoneworts, fern, and bean embryos, etc.; by Ziegler, of the development of the chick, amphioxus, pelagic larvae and the gastrula, and the "Linnaea," preparations in alcohol of the life-histories of the bee, wasp, gold-beetle, meal-beetle, ant-lion, salamander, frog, etc.

In the Aquarium Room at the seven windows are marble and plate-glass aquaria, and in the center of the room is a

large cemented brick tank, divided into four compartments.

Among the biological journals taken may be mentioned *Journal of Physiology*, Pflueger's *Archiv fur die gesammte Physiologie*, Roux's *Archiv fur die Entwicklungsmechanik der Organismen*, *Journal of Morphology*, *American Journal of Physiology*, *Biologisches Centralblatt*, Pringsheim's *Jahrbucher*, Engler's *Botanische Jahrbucher*, *Botanisches Centralblatt*, *Botanical Gazette*, *Zoological Bulletin*.

#### GEOLOGICAL LECTURE ROOM AND LABORATORIES.

The Geological Lecture Room and Laboratories are situated on the third floor of the west wing of the main building. The lecture room will seat a class of thirty, and is so arranged that it may be darkened for the use of the lantern. In this room, separated by a temporary partition, is the private office of the Professor, with the special library of the School of Geology.

The laboratories occupy a suite of three connected rooms. The first, directly across the corridor from the lecture room, contains cabinets and cases for the storage of palaeontological material, minerals and rocks, the working collections and appliances for the physical determination of minerals. The second is devoted exclusively to blowpipe analysis, and those operations involving the use of chemical re-agents. Desks and complete blowpipe outfits are here provided for eight students, and the room can be easily arranged to accomodate twice that number.

The display and reference collections of this school, filling twenty-two large cases, are situated in the corridor of the central portion of the main building, adjacent to the laboratories. Among the recent additions is the "Singley

Collection," including a valuable and unique cabinet of recent Texas shells, presented by Mr. George W. Brackenridge, of San Antonio.

#### PHYSICAL LECTURE ROOM AND LABORATORIES.

The School of Physics occupies a suite of four rooms on the first floor and one room in the basement of the west wing of the main building. The Physical Lecture Room will comfortably accommodate an audience of one hundred persons, has an inclined floor, so that an unobstructed view may be had of the lecturer's table and apparatus. The room may be darkened to adapt it for experimental lectures upon light, or for lantern demonstrations; and the lecture table is provided with gas, water, and electrical connections.

The apparatus for the illustration of lectures on the various branches of Physics is very complete; there are also instruments of importance for the advanced study of heat, light, and electricity.

The Laboratories are provided with benches, tables, piers, and the other appliances and conveniences for the successful prosecution of experiments; and a large collection of apparatus for elementary laboratory instruction is being rapidly completed.

The School has at its command an extensive collection of books and periodicals relating to physical subjects.

The large room in the basement has been equipped as a workshop for making and repairing apparatus. It contains a screw-cutting lathe, a watch-maker's lathe, an upright drill, an emery grinder, a forge, a grindstone, a band-saw, and a very complete set of small tools. A skilled mechanic is employed.

## PEDAGOGICAL EQUIPMENT.

A room has been fitted up with tables and instrument case, and has been supplied with the more fundamental pieces of apparatus needed for the psychological and anthropometric work that is basal to pedagogy. For the study of the brain and nervous system there are an unusually complete and valuable set of microscopic sections, and a moderate supply of adult, foetal, and animal brains, together with an Auzoux enlarged brain-model and numerous charts. Through the co-operation of the Schools of Biology and of Physics, this equipment is materially increased for work in several lines, especially through the aid of models of the sense-organs and of the embryonic development of the nervous system.

**The Library.**

The Library occupies the large room beneath the Assembly Hall, on the first floor of the north wing of the main building. The west side of the room is given up to the General Library, the east side to the Palm Collection, and the north end to the Law Library. The books and the periodicals most frequently used are arranged near the entrance. A card catalogue by authors is nearly completed, and a catalogue by subjects is well advanced.

The total number of volumes in the Library is 27,800.

The General Library contains 14,300 volumes, together with numerous magazines, pamphlets, and papers; while on its subscription list are found the best known American, English, German, and French periodicals. Great care has been taken in the selection of books, and the foun-

dation of an excellent library has been laid. Many of the more technical books and periodicals are at present in the keeping of the various schools, especially Geology, Biology, Chemistry, and Physics.

The Palm Library, recently donated to the University by Sir Swante Palm, the Swedish Consul at Austin, contains about 10,000 bound volumes, besides a large collection of early newspapers and pamphlets bearing upon Texas history. It is a valuable collection, containing many rare works in history, literature, and art.

The Law Library contains at present about 3500 volumes; for an account of which see the Department of Law, page 176.

The libraries of the Supreme Court, the Department of Agriculture, Insurance, Statistics and History, and of the Department of Education are accessible to students.

The Library hours are from 9 a. m. to 1 p. m., and from 2 to 5 p. m.

Students may draw three books at a time, and retain them for two weeks. If not called for, these books may be renewed for a like period.

The Library is open freely to the public for consultation. Graduates of the University are granted the privileges of the Library on the same conditions as resident students.

For Library Deposit see Fees and Expenses, page 26.

#### **Donations to the University.**

A few years before his death, Mr. S. M. Swenson gave the University a valuable collection of coins and medals. Of the 3476 coins, 2217 are bronze, 1172 silver, and 87 gold. Many of these coins were in use before the Christian era, and, with few exceptions, none are of a more recent date than the sixth century.

Of the 1846 medals, 607 are silver, and the remainder bronze and white metal, plated and gilt. There are 94 Russian medals illustrating the rise and progress of that country from the time of Ruric to that of Czar Alexander. American, French, English, and Swedish medals make up the remainder, and illustrate historical events of great importance in these countries. Many of these coins and medals are rare, and their value in the study of history is great. Arrangement has been made to make this collection available for instruction in the University, and for this purpose it has been placed in charge of the Professor of History.

Mr. George W. Brackenridge, of San Antonio, has given to the School of Geology a large and valuable collection of recent shells from all parts of the world, and a valuable collection of Texas flint implements and fossils; to the Library, for the School of History, books, worth \$110, relating to the history of Texas; to the School of Physics, an equatorial telescope, five-inch object glass, mounted on tripod; to the Gymnasium, \$825.

Sir Swante Palm, of Austin, has presented to the University the large and valuable library now bearing his name.

Ex-Governor O. M. Roberts, of Austin, has donated 466 volumes to the Law Library.

Mrs. Thekla Dohmen, in memory of her daughter Nina, a former student in the University, has given to the School of Biology four microscopes, costing \$257.

Mrs. George H. Hathaway, of Palestine, Texas, in memory of her husband, has presented the University with a valuable collection of insects.

**SOCIETIES AND ASSOCIATIONS.****Literary Societies.**

The young men have two literary societies, the Athenaeum and the Rusk, each of which has a hall appropriated to its use in the University building. They hold regular weekly meetings for improvement in debate, oratory, composition, and other literary exercises. The young women also have a literary society, the Ashbel, which meets in the hall reserved for them. These societies are in a flourishing condition, and form a most important means of culture, especially in speaking and writing. The students of the University publish a monthly magazine and a weekly newspaper, which furnish opportunity for literary and journalistic work.

**Young Men's Christian Association.**

This association is organized among the students and Faculty of the University, and exerts a wholesome and beneficial influence. It meets every Sunday afternoon during the session. The meeting takes the form of a Bible class, conducted by the members in rotation.

**Young Women's Christian Association.**

This association is organized among the young lady students of the University. Its object is to promote an interest in the study of the Bible and in general Christian work. It meets every Friday noon during the session.

**Athletic Association.**

For the purpose of encouraging and directing athletics and of building and equipping a gymnasium, an association known as "The University of Texas Athletic Association" was formed in the early part of 1892. The constitution, as amended in the fall of 1896, provides a thoroughly satisfactory organization. The officers are—President, Vice-President, Secretary, Treasurer, Executive Council of nine members. Of these authorities, the Executive Council is the one on which the duty of directing athletics mainly devolves. It has supervision and control of all athletic exercises within and without the University grounds, subject to the general authority of the President and Faculty. It exercises general supervision over all athletic grounds and buildings, over times and places of contests, over the employment of trainers, over the physical condition of members of teams, and over questions concerning the eligibility of students for membership on the teams. The Council is composed of nine members as follows: (a) three members of the Faculty, (b) three resident alumni, selected by the Faculty, (c) three students elected by the student body.

At present the Association is represented by (a) a foot ball eleven, (b) a base ball nine, (c) a tennis club. It is expected that other teams will be formed from time to time. Each team has its own manager and captain. The students and authorities are agreed that athletics must be conducted on a high plane; that all exercises shall be clean and manly. The Association is a member of the Southern Intercollegiate Association, and is bound by all the restrictions contained in the constitution of that organization. It is further bound by the following Faculty regulations:

1. No student shall represent the University on any of its athletic teams who shall not have passed on the required work at the last examination.

2. Students selected as members or managers of athletic teams shall not, if they neglect their work, be permitted to remain on the teams.

#### **Alumni Association.**

On Commencement Day, June 17, 1885, an alumni Association was organized.

Name: The Alumni Association of The University of Texas.

Officers elected June 14, 1897:

VICTOR L. BROOKS, Austin, President.

JESSIE ANDREWS, Austin, Vice-President.

GRACE S. HARRISON, Austin, Secretary.

C. PESSELS, San Antonio, Treasurer.

Those holding diplomas of the University are *ipso facto* members of the Association.

The Association meets annually on Monday of Commencement week at 4 p. m.

The annual address for 1897 was delivered by W. H. Wilson, B. LL., '88, of Houston.

The annual address for 1898 will be delivered by R. E. L. Knight, B. LL., '89, of Dallas.

**DEPARTMENT OF ENGINEERING.**



## DEPARTMENT OF ENGINEERING.

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### FACULTY.

GEORGE TAYLOR WINSTON, A. M., LL. D., *President.*

---

THOMAS ULVAN TAYLOR, C. E., M. C. E., *Civil Engineering.*

HENRY WINSTON HARPER, Ph. G., M. D., *Chemistry.*

FREDERIC WILLIAM SIMONDS, M. S., Ph. D., *Geology.*

GEORGE BRUCE HALSTEAD, A. M., Ph. D., *Mathematics.*

WILLIAM TYLER MATHER, Ph., D., *Physics.*

MORGAN CALLAWAY, JR., Ph. D., *English.*

SYLVESTER PRIMER, Ph. D., *Modern Languages.*

ROBERT ANDREW THOMPSON, B. S., M. A., *Instructor in Civil Engineering.*

MILTON BROCKETT PORTER, Ph. D., *Instructor in Mathematics.*

JAMES ROBINSON BAILEY, B. A., Ph. D. *Instructor in Chemistry.*

EUGENE PAUL SCHOCH, C. E., M. A., *Instructor in Chemistry.*

FRITZ REICHMANN, C. E., M. S., *Tutor in Physics.*

### COURSES OF INSTRUCTION.

#### Engineering.

In this Department two groups of courses are offered—one in Civil and one in Sanitary Engineering, differing only in the fourth year. The conditions of admission are the same as those for the Department of Literature, Science, and Arts.

1. (*One and one-third courses*). 4.  
(a) Highway Engineering; (b) Land Surveying and Levelling; (c) Railroad Location.
2. (*One and one-third courses*). 4.  
(a) Descriptive Geometry, Shades and Shadows, Axometric and Perspective Projections; (b) Railway Details; (c) Geodetic, Topographic, City, Hydrographic and Mine Surveying; and (d) General Mechanics.
3. (*One and two-thirds courses*). 5.  
(a) Stresses in Roofs and Bridges; (b) Mechanics of Materials; (c) Design of Simple Structures; (d) Hydraulic Engineering.
4. (*Two courses*). 6.  
(a) Bridge Designing; (b) Foundations and Erection of Structures; (c) Stereometry, Theory of the Braced, Solid, Oblique, and Elastic Arch; (d) Materials of Engineering; (e) Stresses in Complex Structures; (f) Masonry Construction; (g) Sanitary Engineering; (h) Higher Geodesy; (i) Water Supply Engineering; (j) Contracts and Specifications; (k) Class Thesis.

Students who elect the course in Sanitary Engineering omit (in 4) Theory of Arches, Stresses in Complex Structures and Bridge Designing, and spend the time thus gained in special investigation in the biological and chemical laboratories.

**Drawing.**

3.

Includes linear drawing and tinting, g, lettering (free-hand and mechanical), topographical drawing, mechanical drawing, the solution of projective geometry, tracing and

2.

Includes the drawing of architectural line and bridge drawings, and the complete topographical map from the

2.

of standard forms of engineering castles, culverts, pneumatic piles, tunnel centers, etc., working drawings of designs made in class.

4. (*Two-thirds course*).

2.

Bridge details and shop drawings for designs made in each class. Each student is required to make the complete working drawings for a bridge designed in class.

Courses 1 and 2 are taken by all students in the Engineering Department. Courses 3 and 4 are arranged for students taking Civil Engineering. For those students who take Sanitary Engineering, courses 3 and 4 are modified to meet their special needs.

**METHOD OF INSTRUCTION AND SUBJECTS,  
IN DETAIL.**

The instruction in Civil Engineering is given by means of lectures, recitations, and practical work in the field, drawing room, and testing laboratory. The construction, use, and adjustments of the various engineering field instruments are carefully taught and exemplified. The different kinds of surveying are taught by means of text-books and lectures, and by frequent practice in the field. Instruction in Descriptive Geometry is given by aid of a text-book, and by numerous original problems. The latter are made a special feature of the course. Shades, shadows, axometric and perspective projections are taught by means of lectures, and by practice at the drawing board.

The subject of Applied Mechanics embraces the principles of theoretical and applied mechanics and their application to a consideration of the various laws of stress, and of the strength and proportion of columns, beams, floors, and members of the bridge and roof trusses.

The course in Hydraulic Engineering embraces the study of theoretical and practical hydraulics, and the application of its principles to the problems of water supply engineering, canal engineering, and the improvement and control of rivers. The strength of dams, reservoirs, and similar structures is made part of this course.

In Masonry Construction are considered the strength, durability, and tests applied to stone, brick, cement, and lime; the composition, use, and strength of mortar and concrete; the theory of stability and the cost of dams, piers, abutments, culverts, arches, and retaining walls. Baker's *Masonry* is used as a text-book.

Bridge Designing is taught almost entirely by lectures. Standard works, lithographs of bridge details, blue-prints of bridges and their details, standard specifications, moment diagrams, and Carnegie's Pocket Companion are kept constantly at hand. The work usually includes the designing of a roof-truss, stringers, floor beams, a deck-plate girder, through-plate girder, a highway bridge, a railroad bridge, and a draw-span.

The instruction in Sanitary Engineering includes a consideration of the hydraulic principles regulating the size of pipes for drainage areas, the forms of pipes, their details, flushing tanks, separate and combined systems, and the purification and utilization of sewage. A special course of lectures on Sanitary Science is delivered by the Professor of Chemistry to the students of engineering.

The course in Sanitary Engineering is essentially one in Civil Engineering, but it is designed for students who wish to pay particular attention to those engineering branches which are concerned with the problems of the public health. The course for the first three years is identical with that of Civil Engineering, but in the fourth year there is a reduction of the time usually spent in considering (a) the theories of the oblique and elastic arch, (b) higher bridge designing, and (c) stresses in complex structures. The time thus gained is devoted to special work in Biology and Chemistry. The student is instructed in methods of water and air analyses, and how to observe and identify the various animal and vegetable organisms present in natural waters and sewage. Particular attention is paid to questions of water supply and drainage, to the method of water and sewage purification, the effect of impure water on the public health, and the methods of sewage disposal. The students in this section are required to

take the whole of the hydraulic and sanitary engineering as given in the group of courses in Civil Engineering.

The following shows the course in detail:

*First Year.*—Highway Engineering, Levelling, Contours and Grades, Free-hand Lettering, Mechanical Drawing, Land Surveying, Adjustment and Use of Instruments, Compass Surveying, Free-hand Drawing, Railway Curves, Transit Surveying, Topographical Drawing, Field Practice.

*Second Year.*—Railroad Engineering, Turnouts and Track Problems, Descriptive Geometry, Shades, and Shadows, Linear Perspective, Field Practice, Mechanical Drawing, Geodetic, Hydrographic, Topographic, and City Surveying; Practice in Stadia Work and Triangulation, Free-hand Drawing, General Mechanics, Use of Solar Compass.

*Third Year.*—Stresses in Roof and Bridge Trusses, Field Practice, Mechanical Drawing, Mechanics of Materials, Laboratory Work, Hydraulic Engineering, Designs of Simple Structures.

*Fourth Year.*—Materials of Engineering, Theory of Arches, Foundations, Shop Drawings, Bridge Designing, Stresses in the more Complex Structures, Masonry Construction, Memoirs, Sanitary Engineering, Class Thesis, Field Practice.

In addition to the weekly field practice (Mondays, 3 to 6 p. m.) which extends throughout the year, the students taking courses 2, 3 and 4 spend one whole day each week during the spring term in some practical work in the field. In April, May, and June, 1898, a topographic and hydrographic survey of the Colorado River above the dam was made.

**TEXT-BOOKS:** Johnson's *Theory and Practice of Surveying* (last edition); Gilmore's *Roads*, etc.; Nagle's *Field Man-*

*ual for Engineers; Taylor's Prismoidal Formulae; The Professor's Notes on Descriptive Geometry; Lectures on Shades, Shadows, Axometric and Perspective Projections; Tratman's Track; Warren's Stone Cutting; Lectures on Mechanics; Merriman's Mechanics of Materials; Johnson's Theory and Practice of Modern Framed Structures; Merriman's Hydraulics; Fanning's Water Supply; Baker's Masonry Construction; Baumeister's Sewerage; Lectures on River Engineering; Lectures on Bridge Designing; Carnegie's Pocket Companion; Waring's Sewerage and Land Drainage; Buck's Oblique Bridges.*

**DEGREES.**

The completion of twenty full courses in either group leads to the degree of Civil Engineer (C. E.). The following table gives the prescribed courses:

| Courses in—                       | C. E.        |               |
|-----------------------------------|--------------|---------------|
|                                   | Civil.       | Sanitary.     |
| Mathematics (Courses 1, 2 and 3.) | 3 courses... | 3 courses.    |
| Modern Languages.....             | 1 course ... | 1 course.     |
| English.....                      | 1 course.... | 1 course.     |
| Civil Engineering.....            | 6½ courses.. | 5½ course.    |
| Drawing.....                      | 3 courses... | 3 courses.    |
| Physics.....                      | 1 course (2) | 1 course (2). |
| Chemistry.....                    | 1 course.... | 1½ courses.   |
| Geology.....                      | 1 course.... | .....         |
| Biology.....                      | .....        | 1½ courses.   |
| Elective courses.....             | 2½ courses.. | 2½ courses.   |
| Total.....                        | 20 courses.. | 20 courses..  |

**EQUIPMENT.**

The drawing room is provided with twenty-six drawing desks and drawing boards. The desks, one of which is assigned to each student, are fitted with drawers and Yale locks. In addition, there are four larger desks, intended especially for advanced work in perspective, topographical, and shop drawing.

A well selected technical library is accessible to the students in engineering, and the current American engineering journals are kept on file.

A large number of blue prints of bridge designs and engineering structures from leading bridge companies and engineers in the United States has recently been added.

The engineering laboratory is now one of the most complete in the South, and contains the following testing machines: One Olsen testing machine of 100,000-pounds capacity, provided with deflection instruments, automatic recorder, torsion apparatus, duplex micrometer, measuring instruments, and compression micrometer; one Rhiele Bros. testing machine of 10,000-pounds capacity; one 2000-pounds Olsen cement tester, provided with moulds for both tensile and compressive tests; one Rhiele Bros. cement tester of 1000-pounds capacity.

The collection of field instruments includes the following: Two Heller and Brighly transits, one of which is provided with Saegmueller solar attachment; three Gurley transits, one of which has the Gurley solar attachment; three Buff and Berger levels; three Gurley levels; five Gurley needle compasses; one solar compass; one pantograph; one planimeter; one sextant; one plane table; stadia, and leveling rods; chains, tapes, irregular curves and sec-

tion liners. For running the testing machinery a four-horse power Otto gas engine has been purchased; also for facilitating the calculations of stresses in bridge and other structural designs, a Thatcher's calculating machine has been added. For experiments in estimating the flow of water through pipes, over weirs, etc., tanks, boxes, pipes, etc., have been provided.



**CATALOGUE OF STUDENTS**  
**IN THE**  
**DEPARTMENTS OF LITERATURE, SCIENCE, AND**  
**ARTS, AND OF ENGINEERING.**

**1897-98.**

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**Abbreviations.**

**GROUPS.**

|                                                                         |                                                                           |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <p>A...in group leading to B. A.<br/> E...in group leading to C. E.</p> | <p>L...in group leading to B. Lit.<br/> S...in group leading to B. S.</p> |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|

**STUDIES.**

|                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Bi .....Biology.<br/> Bot.....Botany.<br/> C .....Chemistry.<br/> D .....Drawing.<br/> En .....English.<br/> Ee.....Engineering.<br/> F .....French.<br/> G.....German.<br/> Geol .....Geology.<br/> Gr .....Greek.</p> | <p>H.....History.<br/> Lat .....Latin.<br/> M.....Mathematics.<br/> P .....Physics.<br/> Pe.....Pedagogy.<br/> Ph .....Philosophy.<br/> Phys. &amp; Hyg. Physiology and<br/>                                   Hygiene.<br/> P. S.....Political Science<br/> Sp .....Spanish.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Graduates.**

| Names.                                 | Studies.                    | Residence.         |
|----------------------------------------|-----------------------------|--------------------|
| Brady, Helen Gertrude .....            | H .....                     | Austin.            |
| (B. Lit., University of Texas.)        |                             |                    |
| Garcia, Manuel Marius .....            |                             | San Antonio.       |
| (B. A., M. A., University of Texas.)   |                             |                    |
| Hamlett, James Whitfield ....          | C., G., Lat., P. S., Alvin. |                    |
| (B. A., University of Texas.)          |                             |                    |
| Harris, Leona Lota .....               | En., F., G .....            | Austin.            |
| (B. Lit., University of Texas.)        |                             |                    |
| Harris, Lanu Reine .....               | En., F., G .....            | Austin.            |
| (B. Lit., University of Texas.)        |                             |                    |
| Howard, Henry George .....             | M., Gr., P. S. ....         | Jacksboro.         |
| (B. A., University of Texas.)          |                             |                    |
| Kelley, Walter Frederic .....          | Bl., Pe .....               | Bradford, Mass.    |
| (B. Lit., Dartmouth College.)          |                             |                    |
| Kleberg, Rudolph, Jr. ....             | P. S .....                  | Yorktown.          |
| (B. A., M. A., University of Texas.)   |                             |                    |
| Lewis, Florence Parthenia ....         | Gr., M., Ph., Pe.,          | Austin.            |
| (B. A., University of Texas.)          |                             |                    |
| Oliver, Eugene .....                   | Bot., Geol .....            | San Saba.          |
| (B. S., University of Texas.)          |                             |                    |
| Patrick, Emma Reul .....               | En. H. ....                 | Austin.            |
| (B. Lit., University of Texas.)        |                             |                    |
| Pearce, James Edward .....             | P. S .....                  | Austin.            |
| (B. Lit., M. A., University of Texas.) |                             |                    |
| Phillips, John Otis .....              | En. H., P. S ....           | East Orange, N. J. |
| (B. A., University of Texas)           |                             |                    |
| Rice, Carl Cosmo .....                 | F., L .....                 | Austin.            |
| (B. A., University of Texas.)          |                             |                    |
| Smith, William Roy .....               | F., H., Ph., P. S.,         | Austin.            |
| (B. A., University of Texas.)          |                             |                    |
| Smith, Noyes Darling .....             | Ee., M., Pe .....           | Austin.            |
| (C. E., University of Texas.)          |                             |                    |
| Wallace, Edna .....                    | F., H., S .....             | Austin.            |
| (B. Lit., University of Texas.)        |                             |                    |
| Whitis, Gertrude .....                 | Bot .....                   | Austin.            |
| (B. Lit., University of Texas.)        |                             |                    |

**Seniors.**

| Names.                            | Studies. | Residence.   |
|-----------------------------------|----------|--------------|
| Baker, Riley Andrew.....          | S .....  | Gatesville.  |
| Baldwin, Zoe Lenore .....         | S.....   | Austin.      |
| Battle, Waddy Wingfield .....     | S .....  | Waco.        |
| (A. B., Baylor University.)       |          |              |
| Blanton Annie Webb .....          | L .....  | Austin.      |
| Boyd, William Trobaugh .....      | A .....  | Oteka, Tenn. |
| Brady, Agnes .....                | L .....  | Austin.      |
| Cobb, Margaret Eulalie.....       | A .....  | Cameron.     |
| Couch, Robert Daniel .....        | A .....  | Haskell.     |
| Davis, Mary Robble .....          | S .....  | Rector.      |
| Dohmen, Franz Joseph .....        | L .....  | Austin.      |
| (Institute for the Blind.)        |          |              |
| Decherd, Edmund Anderson..        | A .....  | Franklin.    |
| (Southwestern University.)        |          |              |
| Decherd, William Thomson ...      | L.....   | Austin.      |
| (Austin High School.)             |          |              |
| Harris, Vera .....                | L.....   | Austin.      |
| (Austin High School.)             |          |              |
| Hill, Eula Louesa .....           | L .....  | Austin.      |
| (Austin High School.)             |          |              |
| Holmes, Yancy Wendell.....        | L.....   | Leesville.   |
| Kleberg, Robert Edward.....       | L. ....  | Yorktown.    |
| McDonald, Carrie Lee .....        | S .....  | Austin.      |
| (B. S., Baylor University.)       |          |              |
| Miller, William Tecumseh....      | L.....   | Waelder.     |
| Monroe, John Adair.....           | S .....  | Paris.       |
| Moore, Edward Taylor, Jr....      | A.....   | Austin.      |
| Parker, Richard Denny.....        | E .....  | Calvert.     |
| Pfeiffer, Otto Andrew .....       | E.....   | San Antonio. |
| (San Antonio High School.)        |          |              |
| Schweer, Lawrence Harry ...       | A.....   | Denton.      |
| Springall, Herbert.....           | A.....   | San Antonio. |
| Stiles, Hardy Roy .....           | S .....  | Taylor.      |
| Townes, Ernest Wildbahn....       | A.....   | Austin.      |
| Whatley, Thomas Augustus...A..... |          | Huntsville.  |
| Wheat, Moses Henry.....           | S .....  | Marshall.    |
| (B. E., University of Alabama.)   |          |              |

**Juniors.**

| Names.                               | Studies. | Residence.    |
|--------------------------------------|----------|---------------|
| Adrey, Herbert Downs.....            | L.....   | Dallas.       |
| Barker, Eugene Campbell.....         | A.....   | Palestine.    |
| Beall, Khleber Heberden.....         | S.....   | Fort Worth.   |
| Brooks, Mabel.....                   | L.....   | Austin.       |
| (Austin High School.)                |          |               |
| Bryan, Daisy Annice.....             | L.....   | Velasco.      |
| Crozier, Norman Robert.....          | A.....   | Palestine.    |
| (Palestine High School Scholarship.) |          |               |
| Easton, Evan Shelby.....             | L.....   | Austin.       |
| (Austin High School.)                |          |               |
| Ford, Ethel Bright.....              | A.....   | Austin.       |
| Heard, Mary.....                     | A.....   | Cleburne.     |
| Horton, Mary Lee.....                | L.....   | Austin.       |
| Knight, Gertrude.....                | A.....   | Austin.       |
| Kuehne, John Matthias.....           | S.....   | Wied.         |
| Leavell, Charles.....                | L.....   | Georgetown.   |
| (Southwestern University.)           |          |               |
| Magnenat, Florence.....              | L.....   | Austin.       |
| (Austin High School.)                |          |               |
| Matlock, John Willam.....            | S.....   | Arlington.    |
| McFarland, Bates Holland.....        | L.....   | Rockport.     |
| McMahon, William Emmett.....         | A.....   | Savoy.        |
| Miller, Lourania.....                | A.....   | Killeen.      |
| (Thomas Arnold High School.)         |          |               |
| Morgan, George William.....          | A.....   | Honey Grove.  |
| (Grayson College.)                   |          |               |
| Morris, Vernie Rosborough.....       | A.....   | Belton.       |
| (Belton Male Academy.)               |          |               |
| Nowlin, Richard Walter.....          | E.....   | Center Point. |
| Payton, Eula Lee.....                | L.....   | Watters.      |
| (Austin High School.)                |          |               |
| Prather, Hugh Edmondson.....         | L.....   | Dallas.       |
| (Baylor University.)                 |          |               |
| Rhine, Fedora Dorothea.....          | A.....   | Bonham.       |
| (Bonham High School.)                |          |               |

# DEPT'S OF LIT., SCI., AND ARTS, AND OF ENG. 119

| Names.                       | Studies. | Residence. |
|------------------------------|----------|------------|
| Rowe, Florence Edna.....     | A.....   | Dallas.    |
| (Dallas High School.)        |          |            |
| Smith, Felix Ezell .....     | S.....   | Austin.    |
| Tallichet, Jules Henri ..... | S.....   | Austin.    |
| (Austin High School.)        |          |            |

## Sophomores.

|                                    |        |             |
|------------------------------------|--------|-------------|
| Barry, Frank Burnett.....          | A..... | Paris.      |
| (Paris High School.)               |        |             |
| Borden, Henry Lee.....             | A..... | Sharpsburg. |
| Camp, Alexander.....               | L..... | Dallas.     |
| Chapman, Belle Gray.....           | L..... | Austin.     |
| Cole, Christopher Columbus...      | A..... | Dallas.     |
| (Cole's Select School.)            |        |             |
| Colville, Charles Maxwell.....     | A..... | Dallas.     |
| (Dallas High School.)              |        |             |
| Dibrell, Walter Crockett.....      | E..... | Coleman.    |
| Dobbins, Samuel Calvin .....       | E..... | Temple.     |
| Dodge, E. Unorna .....             | L..... | Brady.      |
| (Sam Houston Normal.)              |        |             |
| Fenet, Joe Porter.....             | L..... | Paris.      |
| (Paris High School.)               |        |             |
| Freeman, Adam Heath.....           | L..... | Cleburne.   |
| (Cleburne High School.)            |        |             |
| Goldstein, Rebecca .....           | L..... | Austin.     |
| (Austin High School.)              |        |             |
| Grove, David Edward, Jr.....       | A..... | Dallas.     |
| (Dallas High School.)              |        |             |
| Hart, James Hill .....             | L..... | Austin.     |
| Hedrick, William Love.....         | A..... | Wheelock.   |
| Howard, Ernest Emanuel.....        | E..... | Jacksboro.  |
| Hubbard, Alice Philena.....        | S..... | El Paso.    |
| (El Paso High School Scholarship.) |        |             |
| Hull, Edith Renner .....           | L..... | Houston.    |
| (Houston High School.)             |        |             |
| Jacobs, Julius Lillen .....        | A..... | Atlanta.    |
| Johnson, Benjamin Kent.....        | A..... | Austin.     |

| Names.                               | Studies.    | Residence.      |
|--------------------------------------|-------------|-----------------|
| Kaulbach, Andrew James               | ....A ...   | La Grange.      |
| (La Grange High School Scholarship.) |             |                 |
| Kelley, Martha Elizabeth             | .....L. . . | Austin.         |
| Kemp, Lewis Maury                    | .....L..... | El Paso.        |
| Kenney, Margaret Estill              | .....A....  | Austin.         |
| Key, Mary                            | .....L..... | Austin.         |
| Kirkpatrick, Alice                   | .....L..... | McKinney.       |
| Lane, Theodosia Alston               | .....A ...  | San Antonio.    |
| Le Tellier, Clifford La Hache        | A....       | Sherman.        |
| Massey, Isaac Lee                    | .....A ...  | Colony.         |
| McClendon, George Calvert            | ...S ...    | Laredo.         |
| Miller, Edmund Thornton              | ....A ..... | Weatherford.    |
| (B. A., Weatherford College.)        |             |                 |
| Moore, William Francis               | .....A..... | Austin.         |
| (Austin High School.)                |             |                 |
| Norby, Charles Philip                | .....S..... | Round Rock.     |
| Oliver, Emily                        | .....L..... | Dallas.         |
| (Dallas High School.)                |             |                 |
| Palm, Omerod Heywood                 | .....S..... | Austin.         |
| Potts, Evalyn Douglas                | .....A..... | Bonham.         |
| (Bonham High School.)                |             |                 |
| Pietzner, Otto Louis                 | .....L..... | Houston.        |
| (Houston High School.)               |             |                 |
| Pinson, Josiah Fowler                | .....E..... | Forney.         |
| (Lewis Academy.)                     |             |                 |
| Ponton, Brownie                      | .....A..... | Gonzales.       |
| (Gonzales High School.)              |             |                 |
| Porter, Frances Bell                 | .....L..... | City of Mexico. |
| (San Antonio Academy.)               |             |                 |
| Prather, Mary Lucretia               | .....L..... | Waco.           |
| (Waco High School Scholarship.)      |             |                 |
| Reynolds, Henry Presley              | .....L..... | Cookville.      |
| Roberts, Oscar Edwin                 | .....A..... | Austin.         |
| Rowe, Charles Elmer                  | .....E..... | Round Rock.     |
| Schreiner, Walter Richard            | ...L.....   | Kerrville.      |
| (San Antonio Academy.)               |             |                 |
| Shaver, Philip James                 | ....A ...   | Greenville.     |
| Shipe, Maude Margaret                | ....L.....  | Paris.          |
| (Paris High School.)                 |             |                 |
| Stovall, Smith Lavender              | .....S..... | Swan.           |

# DEP'TS OF LIT., SCI., AND ARTS, AND OF ENG. 121

| Names.                            | Studies. | Residence.      |
|-----------------------------------|----------|-----------------|
| Stowe, Roy .....                  | S .....  | Austin.         |
| Striegler, Robert Guenther .....  | S .....  | Fredericksburg. |
| (Sam Houston State Normal.)       |          |                 |
| Swann, Frederick L .....          | A .....  | Swan.           |
| (Baylor University.)              |          |                 |
| Taylor, James Monroe .....        | A .....  | Joppa.          |
| Thornton, Florinda .....          | A .....  | Acona.          |
| (Coronal Institute.)              |          |                 |
| Thweatt, Hattie Elizabeth .....   | L .....  | Austin.         |
| Turner, Fred Horatio .....        | L .....  | Dallas.         |
| (Paris High School.)              |          |                 |
| Whitis, Thomas Patton .....       | E .....  | Austin.         |
| Whitten, Hattie Virginia .....    | S .....  | Tyler.          |
| (Sam Houston State Normal.)       |          |                 |
| Willeford, Sallie Rochester ..... | A .....  | Seguin.         |
| Winkler, Ernest William .....     | L .....  | The Grove.      |

## Freshmen.

|                                      |         |           |
|--------------------------------------|---------|-----------|
| Adamson, William Henry .....         | A ..... | Mexia.    |
| (Mexia High School.)                 |         |           |
| Allen, Eva .....                     | L ..... | Belton.   |
| (Belton High School.)                |         |           |
| Amaler, Walter Scott .....           | A ..... | McGregor. |
| (University Preparatory School.)     |         |           |
| Archer, Fannie Ella .....            | S ..... | Houston.  |
| (M. A., North Texas Female College.) |         |           |
| Armstrong, Jamie Durst .....         | S ..... | Austin.   |
| (Sophia Newcomb Academy.)            |         |           |
| Armstrong, Thomas Jefferson .....    | L ..... | Florence. |
| Bachman, Mandanna .....              | L ..... | Austin.   |
| Baggett, Eli Bright .....            | L ..... | Belton.   |
| (Belton Male Academy.)               |         |           |
| Baggett, Eloë Monroe .....           | A ..... | Belton.   |
| (Belton Male Academy Scholarship.)   |         |           |
| Baggett, William Ramsey .....        | L ..... | Belton.   |
| (Belton Male Academy Scholarship.)   |         |           |

| Names.                               | Studies. | Residence.                                     |
|--------------------------------------|----------|------------------------------------------------|
| Barlow, Finis Howard .....           | A.....   | Cleburne.<br>(Hudson's Classical School.)      |
| Bedell, Robbie Alf.....              | L.....   | Austin.                                        |
| Bell, Holland Edwards.....           | A.....   | Blanco.<br>(Blanco High School.)               |
| Binkley, Thomas Gathright...A.....   |          | Columbus.<br>(Columbus High School.)           |
| Blair, Elbert .....                  | S.....   | Morgan.<br>(Dublin High School.)               |
| Bloombargh, Harry.....               | L.....   | Kyle.                                          |
| Boldrick, John Erwin.....            | A.....   | Denison.                                       |
| Booth, John Harral.....              | S.....   | Denison.                                       |
| Brackenridge, Isabella Helena.L..... |          | Austin.                                        |
| Brown, Harry.....                    | E.....   | Tyler.<br>(Tyler High School.)                 |
| Brown, Nellye Lea.....               | L.....   | Austin.<br>(Austin High School.)               |
| Campbell, Charles Norman ...E.....   |          | Houston.<br>(Houston High School.)             |
| Carnahan, Jr., Wallace .....         | A.....   | San Antonio.<br>(West Texas Military Academy.) |
| Carpenter, Wheeler Gun.....          | S.....   | Manchaca.                                      |
| Carruth, Ansell James .....          | S.....   | Austin.<br>(Austin High School.)               |
| Carter, Samuel Hunter.....           | L.....   | Belton.<br>(Belton Male Academy.)              |
| Cater, Frederick William.....        | A.....   | Temple.<br>(Temple High School.)               |
| Chapman, Thomas Ross.....            | A.....   | Temple.<br>(Temple High School.)               |
| Christie Fannie Belle.....           | L.....   | Round Rock.                                    |
| Clements, Earl.....                  | A.....   | Goldthwaite.                                   |
| Clement, William Woodward..A.....    |          | Cuero.<br>(Cuero High School.)                 |
| Coleman, James Earnest.....          | L.....   | Waxahachie.<br>(Waxahachie High School.)       |
| Coleman, Robert Julian .....         | L.....   | Waxahachie.<br>(Waxahachie High School.)       |
| Cousins, Julia Stone.....            | L.....   | Austin.                                        |

# DEPT'S OF LIT., SCI., AND ARTS, AND OF ENG. 123

| Names.                           | Studies. | Residence.                                       |
|----------------------------------|----------|--------------------------------------------------|
| Cother, Albert Adiehl .....      | A .....  | Deming's Bridge.<br>(Thomas Arnold High School.) |
| Crane, Mary Erin .....           | L .....  | Austin.<br>(Austin High School.)                 |
| Crosby, Henry Lamar .....        | A .....  | San Antonio.<br>(San Antonio High School.)       |
| Dally, Etha Gertrude .....       | L .....  | Forney.                                          |
| Dalton, Carter F. ....           | A .....  | Burnet.<br>(Southwestern University.)            |
| Daly, James Patrick .....        | E .....  | Paris.                                           |
| Daugherty, Bryan .....           | S .....  | Dallas.                                          |
| Davis, James Lamar .....         | S .....  | El Paso.                                         |
| Davis, Robert Isaac .....        | L .....  | Austin.<br>(Austin High School.)                 |
| Deaton, George Herman .....      | A .....  | Paris.<br>(Paris High School.)                   |
| Decherd, George Michael .....    | A .....  | Austin.<br>(Austin High School.)                 |
| Dibrell, Joseph Burton, Jr. .... | A .....  | Seguin.<br>(Seguin High School.)                 |
| Dumas, Leonard Marshall .....    | L .....  | Eddy.<br>(Thomas Arnold High School.)            |
| Du Pre, Daniel, Jr. ....         | S .....  | Oak Cliff.<br>(Oak Cliff High School.)           |
| Dutton, William Oscar .....      | L .....  | Mt. Vernon.                                      |
| Easterwood, Oliver P. ....       | A .....  | Cleburne.                                        |
| Edens, John Ewing .....          | L .....  | Corsicana.<br>(Corsicana High School.)           |
| Enlow, Harry R .....             | L .....  | Pittsburg.                                       |
| Faulkner, Clyde Stafford .....   | L .....  | Temple.                                          |
| Field, Julian Clarence, Jr. .... | L .....  | Denison.                                         |
| Fletcher, Thomas .....           | L .....  | Houston.<br>(Houston High School.)               |
| Fort, Nellie Young .....         | L .....  | Paris.<br>(Paris High School.)                   |
| Francis, Belle .....             | L .....  | White Mound.<br>(Sam Houston Normal Institute.)  |
| Fry, Robert Daniel .....         | S .....  | Meridian.                                        |
| Furman, Nannie Strother .....    | L .....  | Belton.<br>(Belton High School.)                 |

| Names.                                 | Studies. | Residence.   |
|----------------------------------------|----------|--------------|
| Garnett, William Dougherty.....        | L.....   | Gainesville. |
| (Gainesville High School.)             |          |              |
| Gilbert, George Horace.....            | S.....   | Austin.      |
| Gribble, James Joseph.....             | S.....   | Austin.      |
| Groos, Adolph .....                    | S.....   | San Antonio. |
| (San Antonio Academy.)                 |          |              |
| Groos, Carl Frederick.....             | S.....   | San Antonio. |
| (San Antonio Academy.)                 |          |              |
| Hale, William Jasper .....             | A.....   | Austin.      |
| Hamilton, Ora .....                    | L.....   | Austin.      |
| (Austin High School.)                  |          |              |
| Hancock, John .....                    | S.....   | Austin.      |
| (University Preparatory School.)       |          |              |
| Band, Sam Buford.....                  | L.....   | Kaufman.     |
| Harris, Edward Ward.....               | S.....   | Dublin.      |
| (Dublin High School.)                  |          |              |
| Hartsfield, Gaston.....                | A.....   | Lockhart.    |
| Harwood, Mary Francis.....             | L.....   | Gonzales.    |
| Haskell, Eltie Evelyn.....             | S.....   | Devers.      |
| Haskell, Lena Lenora.....              | S.....   | Devers.      |
| Haynes, Harry Lake.....                | L.....   | Austin.      |
| Haynie, Robert.....                    | A.....   | Brenham.     |
| (Brenham High School.)                 |          |              |
| Hicks, Imogen.....                     | S.....   | Rockdale.    |
| Hill, Joseph Abner.....                | A.....   | Moody.       |
| (Thomas Arnold High School.)           |          |              |
| Holmes, Edna Mertle.....               | L.....   | Leesville.   |
| Huggins, Will Ogburn.....              | L.....   | Tyler.       |
| (Tyler High School.)                   |          |              |
| Humphries, Walter.....                 | A.....   | Goldthwaite. |
| Huppertz, Ernest Fred.....             | S.....   | Austin.      |
| Huppertz, Mary Frances.....            | S.....   | San Antonio. |
| (San Antonio High School Scholarship.) |          |              |
| Hutchison, Harvey McLeary..            | A.....   | Comanche.    |
| Ideson, Margaret.....                  | A.....   | Houston.     |
| (Houston High School.)                 |          |              |
| Johnson, James Finis.....              | S.....   | Milburn.     |
| Jones, Bob Arnette.....                | S.....   | Denison.     |

# DEPT'S OF LIT., SCI., AND ARTS, AND OF ENG. 125

| Names.                                 | Studies. | Residence.     |
|----------------------------------------|----------|----------------|
| Jones, John Frank.....                 | L.....   | Pittsburg.     |
| Jones, Louise Zimpleman.....           | L.....   | Austin.        |
| Key, Scott Walker.....                 | L.....   | Austin.        |
| (Austin High School.)                  |          |                |
| Kinney, Clifton Comly .....            | S.....   | San Antonio.   |
| (West Texas Military Academy.)         |          |                |
| Kirk, Louis Harry.....                 | S.....   | Austin.        |
| Kirkpatrick, Sadle .....               | S .....  | McKinney       |
| Lacy, A Bledsoe.....                   | A .....  | Hutchins.      |
| Lane, Laura Millett.....               | L.....   | San Antonio.   |
| Lennox, Alfred Dromgoole...            | L.....   | Detroit.       |
| Lovelace, Robert Alvin.....            | L.....   | Bonham.        |
| Loving, James Maxwell.....             | S.....   | Austin.        |
| (University Preparatory School.)       |          |                |
| Ludlow, Fannie .....                   | L.....   | Belton.        |
| (Belton High School.)                  |          |                |
| Mabry, H. P.....                       | A.....   | Fort Worth.    |
| Martin, Victor Eugene.....             | A.....   | Weatherford.   |
| (Weatherford High School Scholarship.) |          |                |
| Menn, William Edward.....              | A.....   | Yorktown.      |
| Michael, Charles William.....          | S.....   | Buda.          |
| Miller, Garland Burleigh, Jr. S.....   | S.....   | Galveston.     |
| (Ball High School.)                    |          |                |
| Miller, Richard Gardner.....           | S.....   | Galveston.     |
| (Ball High School.)                    |          |                |
| Montieth, Walter Embree.....           | A.....   | Belton.        |
| (Belton Male Academy.)                 |          |                |
| Moore, William Ewing.....              | A.....   | Temple.        |
| Morey, Elizabeth May.....              | A.....   | San Antonio.   |
| (San Antonio Academy.)                 |          |                |
| Murray, James Powell.....              | L.....   | Coleman.       |
| (Coleman High School.)                 |          |                |
| McCelvey, Herbert Marlon, Jr., S.....  | S.....   | Temple.        |
| McCrummen, Homer Stone... A.....       | A.....   | Paris.         |
| (Paris High School.)                   |          |                |
| McDonald, Maud Zoe.....                | L.....   | Brackettville. |
| McGowan, Ada.....                      | A.....   | Houston.       |
| (Houston High School.)                 |          |                |
| McHenry, Kate Erving ....              | A.....   | Austin.        |

| Names.                            | Studies. | Residence.     |
|-----------------------------------|----------|----------------|
| McMahon, Marshall Morgan          | A        | Savoy.         |
| Neill, Robert Toombs              | A        | El Paso.       |
| Oatman, Horry Washington          | S        | Austin.        |
| (University Preparatory School.)  |          |                |
| O'Neal, Henry Andrew              | L        | Atlanta.       |
| Orr, Will                         | L        | Austin.        |
| (Austin High School.)             |          |                |
| Palm, Wendla Frances              | A        | Austin.        |
| (University Preparatory School.)  |          |                |
| Pazdral, George Antonio           | A        | Fayetteville.  |
| (Glen Rose Collegiate Institute.) |          |                |
| Pazdral, Method                   | A        | Fayetteville.  |
| (Glen Rose Collegiate Institute.) |          |                |
| Prather, William Lambdin, Jr.     |          | Waco.          |
| (Waco High School.)               |          |                |
| Puett, John Claiborne             | S        | Temple.        |
| Pulliam, Thomas Monroe            | L        | San Angelo.    |
| Raymond, Lu Emma                  | L        | Austin.        |
| (Austin High School.)             |          |                |
| Rector, Willie Pleasant           | L        | Austin.        |
| Robertson, Warren Townsend        | S        | Austin.        |
| Roberson, Ury Homer               | A        | Brymer.        |
| (Thomas Arnold High School.)      |          |                |
| Rogers, Thomas Jefferson          | A        | Poolville.     |
| (Weatherford High School.)        |          |                |
| Rose, Loula                       | L        | Austin.        |
| (Austin High School.)             |          |                |
| Rose, Thomas Adrian               | L        | Austin.        |
| Rushing, Valerie Pauline          | S        | Weatherford.   |
| (Texas Female Seminary.)          |          |                |
| Ryan, David Baxter                | A        | Memphis, Tenn. |
| Scarborough, Emerson Monroe       | S        | Austin.        |
| Shaver, Robert Melvin             | A        | Greenville.    |
| Simpkins, Joseph Stewart          | A        | Corsicana.     |
| (Corsicana High School.)          |          |                |
| Slaughter, Edna Myrtle            | S        | Austin.        |
| (Austin High School.)             |          |                |
| Smith, Franklin Hans              | A        | Red Oak.       |

# DEP'TS OF LIT., SCI., AND ARTS, AND OF ENG. 127

| Names.                                | Studies. | Residence.  |
|---------------------------------------|----------|-------------|
| Spaeth, Louise Marie.....             | L.....   | Austin.     |
| (Austin High School.)                 |          |             |
| Spence, Annie Wilson.....             | L.....   | Austin.     |
| (Austin High School.)                 |          |             |
| Stalnaker, Paul Randolph.....         | S.....   | Austin.     |
| Steger, Harry Peyton.....             | A.....   | Bonham.     |
| (Bonham High School.)                 |          |             |
| Stein, Wildy Alphonse.....            | S.....   | Austin.     |
| Stephens, Elizabeth.....              | A.....   | Fort Worth. |
| (Nashville College for Young Ladies.) |          |             |
| Stoneroad, Thomas William.....        | A.....   | Sweetwater. |
| Tallchet, Ysabel Marie.....           | L.....   | Austin.     |
| (Austin High School.)                 |          |             |
| Taylor, Grace Helen.....              | L.....   | Austin.     |
| (Austin High School.)                 |          |             |
| Terry, Randolph Saxon.....            | L.....   | El Paso.    |
| (El Paso High School.)                |          |             |
| Thompson, John Adams.....             | A.....   | Wheelock.   |
| (Sam Houston Normal Institute.)       |          |             |
| Tobin, Raymond Edwin.....             | S.....   | Austin.     |
| (University Preparatory School.)      |          |             |
| Towell, Mary D. Estelle.....          | L.....   | Columbus.   |
| (Columbus High School.)               |          |             |
| Townes, Edgar Eggleston.....          | A.....   | Austin.     |
| Tracy, Eugene Holmes.....             | L.....   | Rockdale.   |
| Turner, Nancy Dodge.....              | L.....   | Austin.     |
| (Austin High School.)                 |          |             |
| Underwood, John Hanks.....            | A.....   | Columbia.   |
| (Austin College.)                     |          |             |
| Walker, May True.....                 | S.....   | Austin.     |
| Walsh, Bessie.....                    | S.....   | Austin.     |
| (Austin High School.)                 |          |             |
| Weeden, Elizabeth.....                | L.....   | Austin.     |
| Westbrook, Tom M.....                 | S.....   | Grandview.  |
| Whitten, Clara Olivia.....            | L.....   | Austin.     |
| (Austin High School.)                 |          |             |
| White, Luther Ryall.....              | A.....   | Jasper.     |
| Wild, Edmund.....                     | S.....   | Lindenau.   |

| Names.                           | Studies. | Residence. |
|----------------------------------|----------|------------|
| Wilhite, Jake Talley.....        | S.....   | Carl.      |
| Wilkinson, Anne.....             | S.....   | Austin.    |
| (University Preparatory School.) |          |            |
| Williamson, Laura.....           | L.....   | Paris.     |
| Wilson, Stella Mae.....          | L.....   | Austin.    |
| Winston, Patrick Henry.....      | A.....   | Austin.    |
| (University Preparatory School.) |          |            |
| Wirtz, Isaiah Geoffrey.....      | E.....   | Columbus.  |
| (Columbus High School.)          |          |            |
| Wiseman, Robert Anderson...      | A.....   | La Vernia. |
| (Austin College.)                |          |            |
| Witt, Charles Eugene.....        | A.....   | Bartlett.  |
| (Thomas Arnold High School.)     |          |            |
| Witt, Edgar Earnest.....         | A.....   | Bartlett.  |
| (Thomas Arnold High School.)     |          |            |
| Woodward, Dudley K.....          | L.....   | Taylor.    |
| (Taylor High School.)            |          |            |
| Woodward, George Edward...       | L.....   | Sherman.   |
| Ziller, Theodore Leslie.....     | S.....   | Austin.    |
| (Austin High School.)            |          |            |

### Special Students.

|                                  |                          |                  |
|----------------------------------|--------------------------|------------------|
| Aden, Eunice.....                | En.....                  | San Antonio.     |
| Amerman, Almeron Earl. ...       | G.....                   | Houston.         |
| (Houston High School.)           |                          |                  |
| Anderson, Ebb.....               | En., H., Gr., M..        | Sulphur Springs. |
| Anderson, James.....             | En., G., H., M., Norse.  |                  |
| Phys. & Hyg.                     |                          |                  |
| Archer, Nellie Beatrice.....     | En., F., H.....          | Austin.          |
| Armstrong, Marie Josephine.      | En., G., Sp.....         | Alice.           |
| (Sophia Newcomb College.)        |                          |                  |
| Baker, Ethel.....                | En., M., Phys. & Austin. |                  |
| Hyg., Sp.                        |                          |                  |
| (University Preparatory School.) |                          |                  |
| Bass, Elmo Perry.....            | Bl., C., En.....         | Longview.        |
| (Bethel College.)                |                          |                  |
| Blackburn, Alice Almeda.....     | F., H., P. S.....        | Austin.          |
| Blackburn, Nellie Ada.....       | Pe.....                  | Austin.          |

# DEPT'S OF LIT., SCI., AND ARTS, AND OF ENG. 129

| Names.                           | Studies.                       | Residence. |
|----------------------------------|--------------------------------|------------|
| Brooke, Florence R.....          | Pe.....                        | Austin.    |
| Brooks, Jay Welden.....          | Pe.....                        | Belton.    |
| (Missouri State Normal College.) |                                |            |
| Brooks, Robert Clifton.....      | D., M.....                     | Austin.    |
| Burford, Albert Lee.....         | H., M., Phys. & Hyg.           | Cookville. |
| Callaway, Oscar.....             | En., H., Lat., M., P. S.       | Comanche.  |
| (Comanche High School.)          |                                |            |
| Carlisle, Mary.....              | Pe., Ph.....                   | Austin.    |
| Carlisle, Kittle Rose.....       | Pe.....                        | Austin.    |
| Clark, Jessie.....               | En., F., H., Sp., Phys. & Hyg. | Oak Cliff. |
| Crow, Jefferson Brim.....        | En., H., M., Sp.               | Henderson. |
| Couch, Stella Adena.....         | Bot., H., Pe., Phys. & Hyg.    | Red Oak.   |
| Donnan, Lilla Johnson.....       | En.....                        | Austin.    |
| (Austin High School.)            |                                |            |
| Dowell, Ola May.....             | En., G.,                       | Austin.    |
| (Hood's Seminary.)               |                                |            |
| Evans, Hobart Yale.....          | En., H.....                    | Austin.    |
| Fisher, Walter Wooldridge....    | En., H., Ph., P. S.,           | Austin.    |
| Foster, Edna.....                | Bi., En., Geol., G., H., Pe.   | Denison.   |
| Freeman, William Price.....      | Bi., C., Geol., P.             | Cleburne.  |
| Friend, William Nathaniel....    | En., G., P. S., Sp.            | Dallas.    |
| Freshney, Alfred.....            | Bi.....                        | Austin.    |
| Gay, John Balford.....           | Bi.....                        | Austin.    |
| Gibson, Carl Frank.....          | Ph.....                        | Rusk.      |
| Goldstein, Abe.....              | Bi., En., Geol., G., P. S.     | Taylor.    |
| (Taylor High School.)            |                                |            |
| Gould, Rose Adam.....            | Bot.....                       | Austin.    |
| Graham, Mattie Elizabeth....     | En., H., Pe.....               | Campbell.  |
| (B. S., Henry College.)          |                                |            |

| Names.                          | Studies.             | Residence.                                         |
|---------------------------------|----------------------|----------------------------------------------------|
| Hardy, Rufus Lamar.....         | En.....              | San Marcos.<br>(Coronal Institute Scholarship.)    |
| Hill, Robert Jerome, Jr.....    | C., En., G.....      | Austin.<br>(University Preparatory School.)        |
| Huberich, Charles Henry.....    | P. S.....            | San Antonio.                                       |
| James, Benjamin Warren.....     | En., H., M.....      | Milford.                                           |
| Jessen, Elfrieda.....           | S.....               | Austin.                                            |
| Kelly, Allena Josephine.....    | En., F., H., Pe..... | Bowie.                                             |
| Kinsolving, Wythe Leigh.....    | M.....               | Houston, Va.                                       |
| Landman, Birdie V.....          | En., H., Lat....     | .....<br>(Waco High School.)                       |
| Lane, V. A.....                 | Bl., En., Sp.....    | Austin.                                            |
| Lee, Bessie Cooper.....         | En., M., P.,         | Albany.<br>Phys. & Hyg.                            |
| LeGory, John.....               | En., H., Ph., P.     | Crockett.<br>S.<br>(University of Virginia.)       |
| Logue, John G.....              | En., Gr., M.,        | Columbus.<br>Phys. & Hyg.                          |
| Lomax, Page Tayloe.....         | H.....               | San Antonio.<br>(San Antonio Academy.)             |
| Lomax, Ernest Earl.....         | En., H., P. S....    | Meridian.                                          |
| Magnenat, Valerie.....          | G., Pe.....          | Austin.                                            |
| Marshall, Frank Pincham.....    | En., H., Lat.,       | Appleby.<br>M., Pe.                                |
| Mason, W. E.....                | Bl., C., En., P.     | Granbury.<br>H.                                    |
| Matthews, William Carl.....     | D., P.....           | Hillsboro.                                         |
| Maverick, Lewis.....            | En., G., H., P. S.,  | San Antonio.<br>(San Antonio Academy.)             |
| Milam, Sue Noralena.....        | En., F., M., Pe..    | Glen Rose. [Ala.                                   |
| Meacham, Francis Albert.....    | En., H., M., Pe..    | Hackneyville,                                      |
| Miller, Mrs. Clarence Heath.... | H., P.....           | Austin.                                            |
| Miller, Pleasant Thomas.....    | C., D., Ee., M.,     | Nolanville.<br>P.,<br>(Thomas Arnold High School.) |
| Moore, Sarah Marie.....         | En., H.....          | Austin.                                            |
| Morris, James V.....            | G.....               | Florence.<br>(Southwestern University.)            |

DEPT'S OF LIT., SCI., AND ARTS, AND OF ENG. 131

| Names.                          | Studies.                          | Residence.      |
|---------------------------------|-----------------------------------|-----------------|
| McBurnett, Milford.....         | En., F., H., Pe.,<br>P. S.        | Holland.        |
| (Thomas Arnold High School.)    |                                   |                 |
| McInnis, Peter Hugh.....        | En., H., L., P.<br>S.             | Belton.         |
| (Thomas Arnold High School.)    |                                   |                 |
| McLagan, Marie.....             | F., G.....                        | Austin.         |
| McSween, Lola.....              | En., G., H.,<br>Phys. & Hyg.      | Austin.         |
| Nolan, Annie Norah.....         | En., G.....                       | Austin.         |
| Owen, James Oliver.....         | En., F., P.....                   | Leander.        |
| (Southwestern University.)      |                                   |                 |
| Philips, Ross Townsend.....     | En., G., H., M.                   | Tyler.          |
| Poole, Mamie Asenath.....       | En., Geol., G.,<br>H.             | Austin.         |
| Read, Lucy Westmore.....        | Pe.....                           | Austin.         |
| Rector, Willie Pleasant.....    | En., F., S.....                   | Austin.         |
| Reeves, Horton Granville.....   | En.....                           | Llano.          |
| Reeves, Oscar Lee.....          | En., P. S.....                    | Mount Vernon.   |
| Reynolds, John Arthur.....      | H., M.....                        | Cookville.      |
| Robertson, George Aldridge..... | En., Ph., P. S....                | Dallas.         |
| Robey, Benjamin Frizell.....    | C., M., Pe., P....                |                 |
| Ross, Walter Maddux.....        | En., H., M., Pe.,<br>Phys. & Hyg. | Garrison.       |
| Rutherford, Fanny Roberta...    | En., F., H.,<br>Phys. & Hyg.      | Austin.         |
| Savage, Robert Russell.....     | En., H., M.,<br>Phys. & Hyg.      | Corpus Christi. |
| (Corpus Christi High School.)   |                                   |                 |
| Savage, George Benton.....      | En., F., H.,<br>Phys. & Hyg.      | Brownwood.      |
| Scott, Daniel M.....            | En., H., M., Pe.,<br>Phys. & Hyg. | Meridian.       |
| Shaver, Mrs. Lillie.....        | Pe.....                           | Austin.         |
| Stone, Ben Brandon.....         | En., H., Lat....                  | Winters.        |
| Sulnon, Olga Sarah.....         | En., F., Pe., Sp.                 | Laredo.         |
| (Laredo High School.)           |                                   |                 |
| Swindall, Edith Adelaide.....   | C., M., Pe.....                   | Terrell.        |
| (Peabody Normal, Nashville.)    |                                   |                 |

| Names.                            | Studies.                         | Residence.                                       |
|-----------------------------------|----------------------------------|--------------------------------------------------|
| Terrell, George Holland.....      | En., F., H., M.,<br>Phys. & Hyg. | San Antonio.                                     |
| Terriberry, George Hitchings..... | En., Ph., P. S....               | New Orleans, La.<br>(Tulane University.)         |
| Thomason, William Edgar.....      | H., M., Pe.....                  | Nacogdoches.                                     |
| Tobin, Margaret Emily.....        | En., G., Bot....                 | Austin.<br>(University Preparatory School.)      |
| Treadwell, John Claiborne.....    | Bl., C., P.....                  | Corsicana.                                       |
| Trilling, Mabel Bonnie.....       | Bi., En., Gr.,<br>Lat.           | Clarksville.<br>(Belmont College, Nashville.)    |
| Waggener, Frances.....            | En., F., Pe.....                 | Austin.                                          |
| Walker, Cecile Ann.....           | En., F., G., H.                  | Austin.                                          |
| Walker, Thomas Bailey.....        | C.....                           | Austin.                                          |
| Webb, Lillie P.....               | Pe.....                          | Austin.                                          |
| Weller, Florence Elizabeth,...    | En., H.....                      | Austin.                                          |
| Weller, Samuel McLeary.....       | En., H.....                      | Austin.                                          |
| Whiteman, Clara James.....        | En., F., M.....                  | Sherman.<br>(M. A., North Texas Female Academy.) |
| Wilson, Maimie H.....             | En., F., Pe.....                 | Austin.                                          |
| Winston, Isabella Byrd.....       | Bot., En., Geol.,<br>Phys., Hyg. | Austin.                                          |
| Worthy, Florence.....             | Sp.....                          | Austin.                                          |
| Wortham, Louise A.....            | H., P.....                       | Austin.                                          |
| Watson, Seaborn Harris.....       | En., Gr., Lat.,<br>M.            | Waxahachie.<br>(Waxahachie High School.)         |
| Yeager, Anson Blake.....          | Pe.....                          | Waxahachie.                                      |
| Young, Gertrude Christine...      | En., H., P.....                  | Temple.<br>(Temple High School.)                 |

**GRADUATES OF THE UNIVERSITY**  
**IN THE**  
**DEPARTMENTS OF LITERATURE, SCIENCE, AND**  
**ARTS, AND OF ENGINEERING.**

Names marked † are those of deceased Alumni.

| Name.                               | Degree.                                     | Occupation.                   | Residence.          |
|-------------------------------------|---------------------------------------------|-------------------------------|---------------------|
| Acree, Solomon Farley .             | B. S., '96 ...<br>M. S., '97.               | Teacher in<br>H. School.      | San Antonio.        |
| Andrews, Jesse.....                 | B. Lit., '95..                              | Lawyer ....                   | Houston.            |
| Andrews, Jessie.....                | B. Lit., '86..                              | Instructor<br>in U. of T.     | Austin.             |
| Bailey, James Robinson.             | B. A., '91,<br>Ph. D.,<br>München,<br>1897. | Instructor<br>in U. of T.     | Austin.             |
| Baldwin, Rolla Joseph..             | B. S., '93....                              | Med. Stud.<br>Univ. of<br>Pa. | Phil'delphia.       |
| Barry ( <i>born Stone</i> ) \ Belle | B. Lit., '93 ...                            | .....                         | Houston.            |
| Bell, Robert Richard...             | B. Lit., '91..                              | Co. Att'y..                   | Gainesville.        |
| Benedict, Harry Yandell             | B. S., '92, M.<br>A., '93....               | Fel. in Math.<br>Harvard.     | Cambridge,<br>Mass. |
| Benson, Madison Haw-<br>thorne.     | B. A., '96 ...                              | Teacher in<br>H. School.      | Houston.            |
| Bergen, Frank Beatty ..             | B. S., '93....                              | Clerk ....                    | Austin.             |
| Blalock, Harry Fitzelon             | B. S., '96....                              | Med. Stud.<br>in U. of T.     | McGregor.           |
| Blaine, Virginia Maud..             | B. Lit., '96..                              | Teacher in<br>H. School.      | Paris.              |
| Bond, Bunyan Luther ..              | B. A., '93 ...                              | Merchant...                   | Royston, Ga.        |
| Brady, Helen Gertrude..             | B. Lit., '94..                              | Teacher ...                   | Austin.             |
| Bramlette, Edgar Elliott            | M. A., '86...                               | Supt. of<br>Schools.          | Fort Worth.         |
| Brown, Ban Sylvanus...              | B. A., '90 ...                              | Med. Stud.<br>U. of T.        | Galveston.          |
| Brown, Henry Seymour.               | B. A., '97...                               | Student in<br>Prin. Univ.     | New Jersey.         |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                             | Degree.                                                         | Occupation.                              | Residence.         |
|-----------------------------------|-----------------------------------------------------------------|------------------------------------------|--------------------|
| Brunet, Louise .....              | B. Lit., '95,<br>M. A., '96.                                    | Teacher ....                             | Austin.            |
| Bugbee, Lester Gladstone          | B. Lit., '92,<br>M. A., '93.                                    | Instructor<br>in U. of T.                | Austin.            |
| Cameron, Donald .....             | B. A., '95, M.<br>A. '96.                                       | Teacher in<br>H. School.                 | San Antonio.       |
| Carl, John Franklin ....          | B. Lit. '96..                                                   | Teacher ....                             | Austin.            |
| Carleton, Lobel Alva ...          | B. Lit., '87..                                                  | Lawyer ....                              | Hillsboro.         |
| Carrington, Lillie .....          | B. Lit., '87..                                                  | Teacher ....                             | Austin.            |
| Carrington, Mignonette.           | B. A., '89, M.<br>A., '90.                                      | Teacher ....                             | Austin.            |
| Carroll (born Crawford)<br>Daisy. | B. Lit., '95..                                                  | .....                                    | [ford.<br>Weather- |
| Caruthers, Robert L. ....         | B. Lit., '95..                                                  | Lawyer ....                              | Sherman.           |
| Casis, Lilla Mary .....           | B. Lit., '95,<br>M. A., '96.                                    | Instructor<br>in U. of T.                | Austin.            |
| Cauthorne, Edward Ev-<br>erett.   | B. S., '91. A.<br>B., Harvard,<br>'92, and A.<br>M., '94.       | Publishers'<br>agent.                    | Buffalo, N.Y.      |
| Clark, James Foster ....          | B. S., '92....                                                  | Clerk in<br>Land Of-<br>fice.            | Austin.            |
| Clopton, Atwell Johnston          | B. Lit., '88..                                                  | Clerk in<br>Govern-<br>or's Office.      | Austin.            |
| Cole, Thula .....                 | B. S., '95....                                                  | Teacher ...                              | Burnet.            |
| Coleman, George Wesley            | B. Lit., '97..                                                  | Real Estate<br>Dealer.                   | Waxahachie.        |
| Collins, Jasper .....             | B. A., '91....                                                  | Lawyer ....                              | Carthage.          |
| Connell, Thos. Edward.            | B. Lit., '95..                                                  | Physician ..                             | Belton.            |
| Crawford, Walter Joshua           | B. A., '94....                                                  | Lawyer ....                              | Beaumont.          |
| Criddle, Ernest David ..          | B. Lit., '96..                                                  | Teacher ...                              | Waxahachie.        |
| Culberson, Robert Upton           | B. Lit., '88..                                                  | U. S. Dist.<br>Att'y.                    | San Antonio.       |
| Davidson, Wilson<br>Thompson.     | B. S., '91,<br>M. D., '96.                                      | Physician ..                             | Belton.            |
| Decherd, Henry Benj ...           | B. Lit., '96,<br>M. A., '97.                                    | Student in<br>Med. Dep't.                | Galveston.         |
| Decherd, Mary Elizabeth           | B. Lit., '92,<br>M. A., '97.                                    | Teacher in<br>H. School.                 | Austin.<br>[Cal.   |
| Dickson, Leonard Eu-<br>gene.     | B. S., '93, M.<br>A., '94, Ph.<br>D., Univ. of<br>Chicago, '96. | Asst. Prof.<br>of Math. in<br>U. of Cal. | Berkeley,          |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                                                  | Degree.                    | Occupation.                | Residence.    |
|--------------------------------------------------------|----------------------------|----------------------------|---------------|
| Dill, Minnie Gayle .....                               | B. A., '87...              | Teacher ....               | Austin.       |
| Dohoney, Eben Luther...                                | B. Lit., '91...            | Principal of<br>H. School. | Paris.        |
| Doppelmayer, Belinda ..                                | B. Lit., '94...            | Teacher ....               | Galveston.    |
| Durham, Chas. Emmett.                                  | B. Lit., '95...            | Med. Stud.<br>U. of T.     | Dublin.       |
| Ellingson, Ulyses Sum-<br>ner.                         | C. E., '95, M.<br>S. '96.  | Civil Eng. .               | Austin.       |
| Ellis, Amos Downing...                                 | B. Lit., '96...            | Principal of<br>High Sch.  | Luling. [La.  |
| Endress, George Albert.                                | B. S., '92 ...             | Engineer ...               | Lake Charles, |
| Etter, Joe Fenet .....                                 | B. Lit., '93...            | Merchant ..                | Sherman.      |
| Evans, Harriette .....                                 | B. S., '97....             | Teacher ....               | Corpus Ch'sti |
| Flanary, Almonte Byron                                 | B. Lit., '92...            | Lawyer ....                | Weatherford.  |
| Fontaine ( <i>born</i> Wagge-<br>ner), Elizabeth Ross. | B. Lit., '90...            | .....                      | Austin.       |
| Ford, John Stanley .....                               | B. A., '94, M.<br>A., '95. | Teacher ....               | Austin.       |
| Forsgard, Anna Matilda.                                | B. Lit., '96...            | Teacher ....               | Waco.         |
| Frenkel, Charles .....                                 | B. Lit., '89...            | Lawyer ...                 | Galveston.    |
| Furman, David S. ....                                  | B. A., '96...              | Principal of<br>High Sch.  | Belton.       |
| Gammon, John Lea .....                                 | B. Lit., '92...            | Lawyer ....                | Waxahachie.   |
| Gano, Maurice Dudley ..                                | M. A., '89...              | Lawyer ...                 | Dallas.       |
| Garcia, Manuel Marius..                                | B. A., '94...              | Teacher ....               | San Antonio.  |
| Gilson, Harry W .....                                  | B. Lit., '88...            | Banker ....                |               |
| Gordon, William Andrew                                 | B. S., '90....             | Lawyer ...                 | Austin.       |
| Graves, Effie .....                                    | B. Lit., '96...            | Teacher ....               | Austin.       |
| Greer ( <i>born</i> Stone), Jean-<br>nette Bailey.     | B. Lit., '87...            | .....                      | Beaumont.     |
| †Gregory, Stephen .....                                | C. E., '95, M.<br>S., '96. | .....                      |               |
| Griffiths, Etta Irene ....                             | B. A., '97 ...             | Teacher ....               | Salado.       |
| Hall, Nellie McAlpine...                               | B. Lit., '95...            | Teacher ....               | Austin.       |
| Hamilton, Arthur Claude                                | B. S., '92...              | Dist. Atty ..              | Laredo.       |
| Hamlett, George Whit-<br>field, Jr.                    | B. A., '94 ...             | Merchant ..                | Italy.        |
| Hamlett, James Whit-<br>field.                         | B. A., '96....             | Student in<br>U. of T.     | Alvin.        |
| Harris, Leona Lota .....                               | B. Lit., '97...            | Student in<br>U. of T.     | Austin.       |
| Harris, Lanu Reine .....                               | B. Lit., '97...            | Student in<br>U. of T.     | Austin.       |
| Harris, Richard Coke...                                | B. A., '97...              | Teacher ....               | Comanche.     |
| Harrison, Grace Sinclair                               | B. Lit., '95...            | Teacher ....               | Austin.       |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                           | Degree.                    | Occupation.                                         | Residence.           |
|---------------------------------|----------------------------|-----------------------------------------------------|----------------------|
| Herndon, John Henry...          | B. Lit., '88..             | Lawyer ....                                         | Tyler.               |
| Hicks, R. Yale.....             | M. A., '90...              | Lawyer ...                                          | San Antonio.         |
| Hill, Benj. Felix.....          | B. S., '96,<br>M. S., '97. | University<br>Scholar in<br>Geol., Co-<br>lumbia U. | N. Y. City.          |
| Hill, Maclovio.....             | B. A., '92 ...             | Teacher....                                         | Austin.              |
| Hill, Nina.....                 | B. Lit., '94..             | Teacher in<br>High Sch.                             | Paris.               |
| Hillgartner, Henry Louis        | B. S., '96....             | Physician ..                                        | Austin.              |
| Horne, Louis.....               | B. Lit., '89..             | Merchant ..                                         | Greenville.          |
| Hornsby, Helen.....             | B. Lit., '95..             | Teacher in<br>High Sch.                             | Austin.              |
| Houston (born Beall),<br>Helen. | B. Lit., '92..             | .....                                               | Austin.              |
| Howard, Henry George.           | B. A., '97...              | Fellow in<br>Greek U. of<br>T.                      | Austin.              |
| Hume, Francis Charles,<br>Jr.   | B. Lit., '96..             | Student Co-<br>lumbian U.                           | Washington,<br>D. C. |
| Hunnicut, Wm. H. P. ...         | B. S., '88....             | Civil Eng..                                         | Waco.                |
| Isaacs, Leonard Brodnax         | B. Lit., '96..             | Law Stud.<br>U. of T.                               | Rockdale.            |
| Jackson, Andrew Lee...          | B. A. '87....              | Lawyer ....                                         | Houston.             |
| James, Adoniram Judson          | B. S., '90....             | .....                                               | Dallas.              |
| James, William Alonzo .         | B. S., '94, M.<br>A., '95. | Teacher in<br>High Sch.                             | Galveston.           |
| Jones, Henry Bankhead.          | B. S., '91 ...             | Engineer...                                         | Ballinger.           |
| Kleberg, Rudolph, Jr ...        | B. A. '94, M.<br>A., '95.  | Law Stud.<br>U. of T.                               | Yorktown.            |
| Lavender, Roberta Fran-<br>ces. | B. Lit., '96..             | Teacher in<br>High Sch.                             | Houston.             |
| Lefevre, Albert.....            | B. A., '94...              | Fellow in<br>Philos. Cor-<br>nell Univ.             | Baltimore.           |
| Lefevre, Arthur.....            | C. E., '95....             | Instructr. U.<br>of T.                              | Austin.              |
| Le Grand, Leroy ....            | B. Lit., '95..             | Medical Stu-<br>dent U. of T.                       | Graham.              |
| Lewis, Florence Barthe-<br>nia. | B. A., '97...              | Student in<br>U. of T.                              | Austin.              |
| Lewright, James Bruce.          | B. A., '86....             | Lawyer ....                                         | Chicago, Ill.        |
| Lomax, John Avery....           | B. A., '97...              | Registrar U.<br>of T.                               | Austin.              |
| Long, Sam Bell Maxey..          | B. A., '91....             | Lawyer ...                                          | Paris.               |

# DEPT'S OF LIT., SCI., AND ARTS, AND OF ENG. 137

## GRADUATES OF THE UNIVERSITY—continued.

| Name.                         | Degree.                                    | Occupation.                      | Residence.       |
|-------------------------------|--------------------------------------------|----------------------------------|------------------|
| Louis, Benjamin Franklin.     | B. Lit., '95.                              | Lawyer ....                      | Marlin.          |
| Lowrance, Will Nichols.       | B. S., '93...                              | Co. Supt. of Public Schools.     | Weatherford.     |
| Lyne, Thomas John....         | B. S., '91 ...                             | Engineer...                      | Houston.         |
| Lyons, Jessie May.....        | B. A., '95...                              | Teacher....                      | Austin.          |
| Mackensen, Bernard....        | B. S., '95 ...                             | Teacher in H. School.            | San Antonio.     |
| †Mathis, Rufus Arndle..       | B. S., '93 ...                             |                                  |                  |
| Maxwell, Charles Fortson.     | B. S., '95 ...                             | Minister....                     | Temple.          |
| McCaleb, Walter Flavius       | B. Lit., '96, M. A., '97.                  | Fellow in History U. of Chicago. | Chicago.         |
| McCelvey, George Edgar        | B. Lit., '90.                              | Merchant...                      | Temple.          |
| McClendon, Jas. Wooten        | B. Lit., '95..                             | Lawyer ....                      | Austin.          |
| McDaniel, Alfred Clifton      | B. S., '89, M. D., N. Y., '92.             | Physician ..                     | San Antonio.     |
| McDaniel, Carrie .....        | M. A., '96 ..                              | Teacher....                      | Tyler.           |
| McLaughlin, Andrew Cyrus.     | B. S., '96...                              | Student in Johns Hopkins U.      | Austin.          |
| McVea, John Crane.....        | C. E., '97...                              | Engineer.                        | Waelder.         |
| Michaelson, Jacob Eugene.     | B. Lit., '97.                              | Merchant.                        | Chicago.         |
| Miller, Jessie.....           | B. Lit., '89.                              | Teacher.                         | Galveston.       |
| Miller, Robert Finney..       | B. Lit., '89.                              | Physician.                       | Houston.         |
| Montelin, Agnes Estelle.      | B. A., '97....                             | Ass't Librarian. U. of T.        | Austin.          |
| Morris, S. M.....             | B. S., '88 ...                             | Prof. Med. Dept.                 | Galveston.       |
| Murray, Grace .....           | B. Lit., '94.                              | Teacher.                         | Austin.          |
| Nagle, James C.....           | B. S., '89, M. A., '92; M. C. E., Cornell. | Prof. in A. & M. College.        | College Station. |
| Nagle, Michael, Jr. ....      | B. Lit., '92.                              | Lawyer .....                     | Bryan.           |
| Neville, Clara Helen Blanche. | B. Lit., '97.                              | .....                            | Hempstead.       |
| Neville, Henry Oscar ...      | C. E., '97...                              | U. S. Geol. Survey.              | Hempstead.       |
| Norton, Chas. Fishback.       | B. S., '96...                              | Med. Stud. U. of T.              | Austin.          |
| Oliver, Eugene .....          | B. S., '97....                             | Student, U. of T.                | San Saba.        |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                            | Degree.                                                        | Occupation.                         | Residence.            |
|----------------------------------|----------------------------------------------------------------|-------------------------------------|-----------------------|
| Palm, John Cavileer....          | B. S., '96...                                                  | Law Student<br>U. of T.             | Austin.               |
| Parker, William Samuel.          | B. S., '97....                                                 | Teacher....                         | Calvert.              |
| Patrick, Emma Reuel...           | B. Lit., '97.                                                  | Student in<br>U. of T.              | Austin.               |
| Patten, Jessie Erigone..         | B. A., M. A.,<br>'88.                                          | Teacher...<br>Hopkins.              | Mineola.              |
| Pearce, James Edwin...           | B. Lit., '94.<br>M. A., '95.                                   | Prin. Austin<br>High Sch.           | Austin.               |
| Penick, Daniel Allen...          | B. A., '91, M.<br>A., '92.                                     | Fellow in<br>Grk. Johns<br>Hopkins. | Baltimore.            |
| Pessels, Constance .....         | B. Lit., '86, M.<br>A., '92, Ph.<br>D., Johns<br>Hopkins, '94. | Teacher in<br>High Sch.             | San Antonio.          |
| Phillips, John Otis.....         | B. A. '97...                                                   | Student in<br>U. of T.              | East Orange,<br>N. J. |
| Pierce, George Washing-<br>ton.  | B. S., '93, M.<br>A., '94.                                     | Student in<br>Harvard U.            | Dallas.               |
| Porter, Milton Brockett.         | B. S., '92.<br>Ph. D., Har-<br>vard, '97.                      | Instruct'r in<br>Math. U.<br>of T.  | Austin.               |
| Posey, Samuel Sampson.           | B. S., '92...                                                  | Civil Eng. ..                       | Austin.               |
| Prather, John K .....            | B. S., '97...                                                  | Law Stud't.                         | Waco.                 |
| Raggio, Andrew Paul...           | B. A., '96...                                                  | .....                               | Austin                |
| Rains, George Perry....          | B. A., '93...                                                  | Physician ..                        | Marshall.             |
| Red, Samuel Clark.....           | B. A., '85...                                                  | Physician ..                        | Houston.              |
| Reichmann, Fritz.....            | C. E., and E.<br>E., '96, M.<br>S., '97.                       | Fellow in<br>Physics,<br>U. of T.   | Austin.               |
| Rice, Carl Cosmo .....           | B. A., '97...                                                  | Tutor Latin<br>U. of T.             | Austin.               |
| Richardson, William<br>Stewart.  | B. Lit., '97..                                                 | Teacher....                         | Cameron.<br>[Minn.]   |
| Robbins, Alice Virgie...         | B. Lit., '94..                                                 | Teacher ..                          | Mankato.              |
| Routh, Eugene Coke....           | B. A., '97...                                                  | Teacher ...                         | Winchester.           |
| Rucker, Augusta .....            | B. A., '96...                                                  | Tutor Biol-<br>ogy U. of T.         | Austin.               |
| Schoch, Eugene Paul...           | C. E., '94, M.<br>A., '96.                                     | Instr. in<br>Chem.<br>U. of T.      | Austin.               |
| Schwartz, Marcus .....           | B. Lit., '95 ..                                                | .....                               | Hallettsville.        |
| Shelley, Frederick Wil-<br>liam. | B. S., '92...                                                  | Clerk Sup.<br>Court.                | Austin.               |

# DEP'TS OF LIT., SCI., AND ARTS, AND OF ENG. 139

## GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                       | Degree.                 | Occupation.                          | Residence.        |
|-----------------------------|-------------------------|--------------------------------------|-------------------|
| Sheppard, Morris.....       | B. A., '95...           | Student in Law Dept. Yale U.         | New Haven, Conn.  |
| Simmons, David Edward       | B. Lit., '91..          | Lawyer ....                          | Sherman.          |
| Slaughter, Edgar Dick..     | B. Lit., '95.           | Capitalist ..                        | Dallas.           |
| Smith, Branch.....          | B. S., '94...           | Lawyer ....                          | Austin.           |
| Smith, James Newton...      | B. S., '97...           | Student U. of T.                     | Austin.           |
| Smith, John Turner ....     | B. S., '93 ...          | Civil Eng...                         | Austin.           |
| Smith, Martha Maud....      | B. Lit., '96.           | Teacher...                           | Austin.           |
| Smith, Matthew Mann..       | B. S., '88, M. A., '89. | Physician ..                         | Austin.           |
| Smith, Noyes Darling..      | C. E., '96 ...          | Student U. of T.                     | Austin.           |
| Smith, Robert Waverley      | B. A., '87...           | Lecton Med. Jur. Med. Dept. U. of T. | Galveston.        |
| Smith, William Howell .     | B. S., '96...           | .....                                | Simonds.          |
| Smith, William Roy....      | B. A., '97...           | Student U. of T.                     | Austin.           |
| Spalding, William Aaron     | C. E., '97...           | City Eng'eer                         | Waxahachie.       |
| Spence, David Wendell..     | B. S., '89...           | Prof. A. & M. College.               | College Station.  |
| Spence, John .....          | C. E., '97...           | .....                                | Flatonia.         |
| Stephens, Walter Oliver.    | B. Lit., '93.           | Teacher....                          | Waco.             |
| Stone, Ada Eliza .....      | B. Lit., '93.           | .....                                | Beaumont.         |
| Swearingen, P. Henry ..     | B. Lit., '87.           | Lawyer ....                          | San Antonio.      |
| Swearingen, Richard Joseph. | B. Lit., '90.           | Lawyer ....                          | Brenham.          |
| Taff, Joseph J.....         | B. S., '94...           | U. S. Geol. Survey.                  | Washington, D. C. |
| Templeton, C. V . . . .     | B. Lit., '87.           | Physician ..                         | Gough.            |
| Thomas, Flora .....         | B. Lit. ....            | Teacher...                           | Ladonia.          |
| Thomas, Robert.....         | B. S., '94...           | Farmer .....                         | Burnet.           |
| Thompson, Robert Andrew.    | B. S., '92, M. A., '93. | Instruct'r in Engineering U. of T.   | Austin.           |
| Tillman, Sidney Hess ...    | B. Lit., '95.           | Ins. Agent.                          | Dallas. .         |
| Tull, Hugh Vance .....      | B. A., '95...           | Preacher ...                         | Mexia.            |
| Van Zandt, Fanny .....      | B. S., '94...           | Teacher in High Sch.                 | Fort Worth.       |
| Wallace, Edna.....          | B. Lit. ....            | Student in U. of T.                  | Austin.           |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                        | Degree.                 | Occupation.                               | Residence.   |
|------------------------------|-------------------------|-------------------------------------------|--------------|
| Wedemeyer, Edward . . .      | B. S., '94 . . .        | Student in Med. Dept.                     | Belton.      |
| Wedemeyer, Gustavus A.       | B. A., '96 . . .        | Student in Med. Dept.                     | Belton.      |
| Welch, Frank Horace . . .    | B. A., '93 . . .        | Banker . . . .                            | Taylor.      |
| West, Frank Thomas . . .     | B. A., '97 . . .        | Teacher . . . .                           | Coryell.     |
| Whitis, Gertrude . . . . .   | B. Lit., '97 . . .      | Teacher in Austin Schools.                | Austin.      |
| Willbanks, Charles Kavanaugh | B. S., '97 . . . .      | Teacher . . . .                           | Edna.        |
| Williams, Lawrence Smith.    | B. S. and M. S., '97.   | University Schol., University of Chicago. | Chicago.     |
| Wilson, Glennie . . . . .    | B. Lit., '96 . . .      | Teacher . . . .                           | Dallas.      |
| Wilson, Robert Lee . . . .   | B. S., '94, M. A., '95. | Student in Med. Dept. U. of T.            | St. Elmo.    |
| Woods, Willie Foard . . .    | B. Lit., '90 . . .      | Banker . . . .                            | San Antonio. |
| Wooten, Goodall Harrison.    | B. S., '91, M. A., '92. | Physician . .                             | Austin.      |
| Wooten, Joe Sill . . . . .   | B. S., '92 . . .        | Physician . .                             | Austin.      |
| Yelser, Charles Thomas.      | B. A., '95 . . .        | Teacher . . .                             | Austin.      |

## APPENDIX.



## APPENDIX.

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### **REGULATIONS GOVERNING THE APPROVAL OF HIGH SCHOOLS FOR ADMISSION OF STUDENTS WITHOUT EXAMINATIONS.**

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The Regents and the Faculty desire to bring the University into close relations with the high schools of the State, so that students can pass from the latter to the former with no perceptible break in the course of study. The privilege of affiliation with the University, by which graduates of these schools can enter it on their diplomas, is, therefore, offered on the following conditions:

1.—When the authorities of any school desire affiliation with the University, they will make formal application to the President, giving the course of study, number of teachers, and such information in regard to their apparatus, appliances, etc., as may serve to give a fair idea of the general efficiency of the school.

2.—If this information be satisfactory, the authorities of the school will be asked to submit specimen examination papers prepared by students pursuing the high school subjects in which affiliation may be desired.

3.—No school will be affiliated before the President (or some person designated by him) shall have visited it and shall have rendered a report concerning its equipment and its work. The visit of the inspector may be made at such time as, in his judgment, is most convenient and desirable.

The necessary traveling expenses of the inspector will be paid by the University.

4.—If the Faculty shall be satisfied that the school should be affiliated, the authorities will be duly notified, and the name of the school will be entered upon the list of those affiliated. The list will be published in the Catalogue of the University.

5.—Approved schools shall be entitled to send their graduates to the University on diploma so long as the Faculty is satisfied that no material changes affecting the efficiency of the school have taken place. New inspections will be made from time to time, and the Faculty reserves the right to terminate the privilege of affiliation when such course seems proper.

6.—Complete affiliation includes the subjects in which entrance examinations are held at the University, viz.: English, History, Mathematics, Latin, and Greek.

7.—It is expected that the principal or superintendent of every approved school will send to the President a copy of each of his annual reports or catalogues. In return the school will be furnished regularly with a Catalogue of the University.

#### **List of Affiliated Schools.**

[E., English; Gr., Greek; H., History; L., Latin; M., Mathematics.]

| <b>Name.</b>                      | <b>Extent of Affiliation.</b> |
|-----------------------------------|-------------------------------|
| Abilene High School, Abilene..... | Unclassified.                 |
| Supt. F. W. Chatfield, M. A.      | Principal E. Graham.          |
| Austin High School, Austin.....   | E., H., L., M.                |
| Supt. T. G. Harris.               | Principal J. E. Pearce, M. A. |
| Austin Academy, Austin.....       | E., H., M.                    |
|                                   | Principal J. S. Ford, M. A.   |

**APPENDIX—DEPT'S OF LIT. ETC., AND OF ENG. 145**

| Name.                                                      | Extent of Affiliation. |
|------------------------------------------------------------|------------------------|
| Ball High School, Galveston .....                          | E., H., M., L., Gr.    |
| Supt. John W. Hopkins, A. M. Principal H. H. Ransom, A. B. |                        |
| Belton High School, Belton .....                           | Unclassified.          |
| Supt. C. D. Rice. Principal D. S. Furman, A. B.            |                        |
| Belton Male Academy .....                                  | E., H., M., L., Gr.    |
| Supt. C. H. Wedemeyer, A. M.                               |                        |
| Blanco High School, Blanco .....                           | Unclassified.          |
| Supt. J. M. Quarles, A. B., C. E.                          |                        |
| Bonham High School, Bonham .....                           | E., H., M., L.         |
| Supt. H. G. Reed, B. A. Principal B. H. Brown, A. B.       |                        |
| Brackett High School, Brackettville .....                  | E., H., M., L.         |
| Supt. R. Stratton. Principal H. W. Goodwin, A. B.          |                        |
| Brenham High School, Brenham .....                         | E., H., M., L.         |
| Supt. E. W. Tarrant, A. M. Principal Miss Mary Riall.      |                        |
| Bryan High School, Bryan .....                             | E., M.                 |
| Supt. T. S. Minter. Principal S. H. Hickman.               |                        |
| Calvert High School, Calvert .....                         | E., H., M.             |
| Supt. S. B. Foster, A. M. Principal W. A. Palmer.          |                        |
| Cameron High School, Cameron .....                         | E., M., L.             |
| Supt. A. N. W. Smith. Principal Jno. F. O'Shea.            |                        |
| Clarksville High School, Clarksville .....                 | E., H., M., L.         |
| Supt. W. C. James, B. A. Principal Miss Ella Watson.       |                        |
| Cleburne High School, Cleburne .....                       | E., H., M.             |
| Supt. V. M. Fulton. Principal R. G. Hall.                  |                        |
| Cole's Select School, Dallas .....                         | E., H., M.             |
| Supt. Col. J. R. Cole, A. M.                               |                        |
| Columbia College, Van Alstyne .....                        | E., H., M., L., Gr.    |
| President W. T. Hamner.                                    |                        |
| Columbus High School, Columbus .....                       | E., H., M.             |
| Supt. J. E. Binkley.                                       |                        |
| Coronal Institute, San Marcos .....                        | E., H., M., L.         |
| President A. A. Thomas.                                    |                        |
| Corpus Christi High School, Corpus Christi .....           | E., H., M.             |
| Supt. C. W. Crossley. Principal M. Menger.                 |                        |
| Corsicana High School, Corsicana .....                     | E., H., M., L.         |
| Supt. H. S. Melear. Principal J. P. Stephenson, C. E.      |                        |

| Name.                                        | Extent of Affiliation.                                                            |
|----------------------------------------------|-----------------------------------------------------------------------------------|
| Dallas High School, Dallas.....              | E., H., M., L., Gr.<br>Supt. J. L. Long. Principal W. Lipscomb.                   |
| Denison High School, Denison .....           | E., H., M., L.<br>Supt. Wm. Gay, Ph. D.                                           |
| Denton High School, Denton.....              | E., H., M., L.<br>Supt. E. C. Snow, A. M. Principal Wm. Thurman.                  |
| Dublin High School, Dublin.....              | E., M., L.<br>Supt. W. J. Clay, B. S. Principal J. C. Harper.                     |
| El Paso High School, El Paso.....            | E., H., M., L.<br>Supt. G. T. Putnam. Principal Miss E. D. Meekins.               |
| Ennis High School, Ennis.....                | E., H., M., L.<br>Supt. H. F. Triplett. Principal S. A. Horton.                   |
| Flatonia High School, Flatonia .....         | E., H., M.<br>Supt. C. A. Jamison. Principal J. Q. Henry.                         |
| Forney Public School, Forney .....           | E., H., M., L.<br>Supt. S. J. Lewis.                                              |
| Fort Smith High School, Fort Smith, Ark..... | E., H., M., L.<br>Supt. J. L. Holloway. Principal B. W. Torreyson.                |
| Fort Worth High School, Fort Worth.....      | E., H., M., L.<br>Supt. M. G. Bates, A. M.                                        |
| Gainesville High School, Gainesville.....    | E., H., M., L.<br>Supt. E. F. Comegys, A. M. Principal J. P. Glasgow, A. M.       |
| Gonzales High School, Gonzales .....         | E., H., M., L.<br>Supt. T. S. Tolard, B. S., A. B.                                |
| Granbury High School, Granbury.....          | E., H., M., L.<br>Supt. J. M. Bettis.                                             |
| Grayson College, Whitewright.....            | E., H., M., L., Gr.<br>President F. E. Butler.                                    |
| Hempstead High School, Hempstead .....       | E., H., M.<br>Supt. C. A. Neville, M. A.                                          |
| Houston High School, Houston.....            | E., H., M., L., Gr.<br>Supt. T. J. Kimbrough, M. A. Principal S. D. Magers, B. A. |
| Institute for the Blind, Austin.....         | E., H., M.<br>Supt. Dr. E. P. Becton. Principal W. R. Leonard.                    |
| Laredo High School, Laredo... ..             | E., H., M.<br>Supt. Louis d'Antin. Principal Miss B. Thomas.                      |

# APPENDIX—DEPTS OF LIT. ETC., AND OF ENG. 147

| Name.                                                       | Extent of Affiliation. |
|-------------------------------------------------------------|------------------------|
| Lewis Academy, Forney .....                                 | E., H., M., L.         |
| Principal E. C. Lewis. Asst. Principal E. S. Lovejoy, A. B. |                        |
| Luling High School, Luling .....                            | E., H., M.             |
| Supt. P. S. Smith, B. A. Principal A. D. Ellis, B. Lit.     |                        |
| Marble Falls High School, Marble Falls .....                | E., H., M., L.         |
| Supt. G. E. Folk.                                           |                        |
| McGregor High School, McGregor .....                        | E., H., M., L.         |
| Supt. J. S. Abbott, A. B. Principal R. L. Abbott, B. S.     |                        |
| Mexia High School, Mexia .....                              | E., H., M., L.         |
| Supt. R. B. Cousins, B. A. Principal W. D. Butler, M. A.    |                        |
| Mineola High School, Mineola .....                          | E., H., M.             |
| Supt. B. A. Stafford, M. A.                                 |                        |
| Navasota High School, Navasota .....                        | E., H., M., L.         |
| Supt. S. H. Flake. Principal T. E. Humphrey, A. B.          |                        |
| Oak Cliff High School, Oak Cliff .....                      | E., H., M., L.         |
| Supt. P. G. Halyburton.                                     |                        |
| Orange High School, Orange .....                            | E., H., M.             |
| Supt. R. R. Sebring. Principal J. H. Swann.                 |                        |
| Palestine High School, Palestine .....                      | E., H., M., L.         |
| Supt. P. V. Pennybacker. Principal R. A. Hall.              |                        |
| Paris High School, Paris .....                              | E., H., M., L.         |
| Supt. J. G. Wooten. Principal E. L. Dohoney, Jr., B. Lit.   |                        |
| Peacock's School for Boys, San Antonio .....                | E., H., M.             |
| President Wesley Peacock, M. A.                             |                        |
| Quanah High School, Quanah .....                            | E., H., M., L.         |
| Supt. C. W. Howard, A. B.                                   |                        |
| Rockdale High School, Rockdale .....                        | E., H., M.             |
| Supt. F. L. Norton, B. A. Principal G. M. Ryan.             |                        |
| Salem Female Academy, Salem, N. C. ....                     | E., H., M., L.         |
| Principal John H. Clewell.                                  |                        |
| San Antonio Academy, San Antonio .....                      | E., H., M., L., Gr.    |
| Supt. Wm. B. Sealey, Ph. D.                                 |                        |
| San Antonio High School, San Antonio .....                  | E., H., M., L.         |
| Supt. W. Schoch, A. M. Principal A. E. Kirkpatrick, A. M.   |                        |
| Seguin High School, Seguin .....                            | E., H., M.             |
| Supt. H. B. Griffin.                                        |                        |

| Name.                                          | Extent of Affiliation.                                                        |
|------------------------------------------------|-------------------------------------------------------------------------------|
| Staunton Military Academy, Staunton, Va. ....  | E., H., M., L., Gr.<br>Supt. Wm. H. Kable.                                    |
| Summer Hill Select School, Omen. ....          | E., H., M., L., Gr.<br>Supt. A. W. Orr, A. M.                                 |
| Taylor High School, Taylor. ....               | E., H., M., L.<br>Supt. A. E. Hill. Principal C. C. Foster.                   |
| Temple High School, Temple. ....               | E., H., M., L.<br>Supt. J. E. Blair, B. S. Principal J. F. Kimball, A. M.     |
| Tyler High School, Tyler. ....                 | E., H., M.<br>Supt. W. J. Potter. Principal W. K. Tate, A. B.                 |
| Terrell High School, Terrell. ....             | E., H., L.<br>Supt. E. R. Faulkner. Principal S. D. Irvine.                   |
| Thomas Arnold High School, Salado. ....        | E., H., M., L., Gr.<br>Supt. S. J. Jones, Ph. D. Principal T. J. Witt, Ph. B. |
| University Academy, Columbia, Mo. ....         | E., H., M., L., Gr.                                                           |
| University Preparatory School, Austin. ....    | E., H., M., L., Gr.<br>Principals, the Misses Carrington.                     |
| Vernon High School, Vernon. ....               | E., H., M.<br>Supt. J. C. Smith. Principal E. L. Witty.                       |
| Waco High School, Waco. ....                   | E., H., M., L., Gr.<br>Supt. C. T. Alexander. Principal J. F. Lipscomb.       |
| Wall School, Honey Grove. ....                 | E., H., M.<br>President S. V. Wall.                                           |
| Waxahachie High School, Waxahachie. ....       | E., H., M.<br>Supt. W. L. Acker, B. A. Principal Charles B. Carroll.          |
| Weatherford High School, Weatherford. ....     | E., H., M., L.<br>Supt. H. J. Fry.                                            |
| West Texas Military Academy, San Antonio. .... | E., H., M., L.<br>President A. L. Burleson, M. A.                             |

**ENTRANCE EXAMINATION IN ENGLISH****Specimen Paper of Entrance Examination in English.**

*Note.*—The entire paper will be graded upon spelling, punctuation, syntax, sentence-construction, paragraphing, and subject matter.

## I.

Sentences: (a) *Intending at first to write* very short pre-faces, he had *stipulated* for only two hundred guineas. (b) He always maintained *that* fame was a *shuttlecock* which could be kept up only by being beaten back, as well as *beaten* forward, and which would soon *fall* if there *were* only one battledore. (c) That his knowledge of our literature was extensive is *indisputable*.

1. Explain the office and dependence of each subordinate clause in the above sentences.
2. Parse the words italicized in the above sentences.
3. What is a topic-sentence, or subject-sentence?
4. What is a periodic sentence? Write one.
5. How may emphasis be secured (a) in the sentence? and (b) in the paragraph?

## II.

Write a composition of about 350 words on one of the following subjects: (a) The Character of Rosalind (Shakespeare's *As You Like It*); (b) Johnson's Friends (Macaulay's *Life of Samuel Johnson*); (c) Dr. Heidegger's Experiment (Hawthorne's *Twice-Told Tales*); (d) Lady Heron's Song (Scott's *Marmion*).

**ENTRANCE EXAMINATION IN HISTORY.**

For entrance into the School of History, the outlines of Universal History will be required. The amount of knowledge required to pass in this subject will be indicated by *Myers's Outlines of General History*.

**Specimen Paper of Entrance Examination in History.**

1. Explain the origin of the Chaldean people. Describe the ancient Persian religion.
2. Describe the constitution of Sparta. Explain the origin of the Greek drama, and name the great dramatic poets of Greece.
3. Explain the origin of the tribuneship and censorship.
4. How did Augustus change the republican to an imperial government? What were the limits of the Roman empire under Trajan?
5. What peoples covered Europe in 375 A. D., and how were they distributed?
6. What was the theory of the feudal system? What were the causes of the fall of feudalism?
7. Give a brief history of the Hanseatic league.
8. What caused the revolt in the Netherlands under Philip II? Explain the geographical changes and political reorganization which resulted from it.
9. What reforms did Peter the Great make in Russian government and customs?
10. What were the causes of the French Revolution? Through what forms did the government pass from the outbreak of the Revolution to the coronation of Napoleon as emperor?

**ENTRANCE EXAMINATION IN MATHEMATICS.**

To be able to prosecute with advantage the study of Mathematics in the University, students should be qualified to pass a satisfactory examination in Arithmetic, including the Metric System, in Algebra through equations of the second degree, and in Plane Geometry. If the student wishes to start on terms of equality with the best of his classmates, he should use for final preparation in Plane Geometry either Halsted's *Elements of Geometry* or Halsted's *Elementary Synthetic Geometry*.

**Specimen Paper of Entrance Examination in Mathematics.***I. Arithmetic.*

1. Retaining the essential principles of our common method of notation, express the number *two hundred and sixty-eight* on the bases *six*, *twelve*, and *sixteen* respectively, employing the letters of the English alphabet in order where more than nine digit figures are required.

2. How many kilolitres of air in a room 6.3 m. long, 5.7 m. wide, 4 m. high? How many kilogrammes would this air weigh, its sp. g. being 0.00128?

3. At what price must 3 per cent. bonds be bought, if the investment is to yield  $3\frac{1}{2}$  per cent. interest?

4. Find the (true) discount on \$1800, due in 6 months, if 6 per cent. *per annum* is the rate of interest.

5. What premium on gold would show that silver was passing simply at its mercantile value of say 33 cents (gold) for a silver dollar?

## II. Algebra.

The applicant may answer any five of the following:

1. State the associative, commutative, distributive, and index laws.
2. Simplify:  $(a^{-\frac{1}{2}}x^{\frac{1}{2}}/x^{-1})^{-2}/(x^{-\frac{1}{2}}/a^{-1})^{\frac{1}{2}}$ .
3. A man has  $a$  hours at his disposal; how far may he ride in a coach that travels  $b$  miles an hour, so as to return home just in time, walking back at the rate of  $c$  miles an hour?
4.  $(x+1)^{\frac{1}{2}}+(x-1)^{\frac{1}{2}}=1$ .
5. Solve for  $x$ :  $x^2-2ax-2bx+2cx-2ac-2bc+c^2=0$ .
6. Form an equation whose roots are  $(a+b)$  and  $(a-b)$ .

## III. Geometry.

The applicant may answer any five of the following:

1. From the common notion "solid" as a starting point, define *surface* and *line*. Define *plane*, *straight line*, and *angle*. (Do not use the terms "distance" or "direction.") Illustrate your definition of *angle* by pointing out four angles of a biradial (a figure consisting of two rays from the same point).
2. State the condition of congruence of two triangles.
3. Define an incommensurable ratio. Distinguish a ratio from a fraction. Prove the side and diagonal of a square incommensurable.
4. If an angle bisector is a median, the triangle is isosceles.
5. Prove the proposition about two triangles having two sides and an opposite angle in each respectively equal.
6. Draw a common tangent to two given circles.

7. A point without a circle and its chord of contact divide harmonically any chord whose straight contains the point.

8. What is the magnitude of an angle of a regular decagon?—of an exterior angle? (Do not mention *degrees*.)

9. Prove: The medians of a triangle concur in that trisection point of each remote from its vertex.

10. Divide a sect internally and externally in a given ratio.

#### ENTRANCE EXAMINATION IN GREEK.

Candidates wishing to enter course 1 in Greek (see Courses by Schools) will be examined as follows: In Grammar on Inflections and Syntax; in any three books of Xenophon's *Anabasis*; in translation of easy Greek at sight; in elementary exercises in translating English into Greek. Knowledge of accent is required.

#### Specimen Paper of Entrance Examination in Greek.

[Translate into good, idiomatic English.]

1. Translate Xen. *Anab.* I. 9. §1-§3 inclusive.
2. Decline all substantives and give principal parts of all verbs in §1.
3. Explain the grammatical construction of all optatives and infinitives in §3.
4. Translate Xen. *Anab.* III. 2. §33-§35 inclusive.
5. Explain the case of the first relative pronoun in §33.
6. Explain so far as you can the formation of the present stem of all verbs in §35.
7. Into what classes are conditional sentences divided? Give an example *in Greek* of each class.

8. Translate (at sight) Xen. *Hellen.* IV. 8. §1, the naval operations of Conon and Pharnabazus after the battle of Cnidus.

9. Translate into Greek: (a) If Cyrus had not been killed in battle, he would have become king of the Persians; for the Greeks, of whom there were many in the army of Cyrus, were much better soldiers than the Persians. (b) When Cyrus was dead he was acknowledged by all to have been most worthy to rule. (c) Xenophon says that it was impossible to hear or see anything disgraceful at the court of the king, where the sons of the Persian nobles were educated.

BEGINNERS IN GREEK.—The admitted lack of primary instruction in Greek in the High Schools of the State has led to the organization of a class for beginners in Greek. It is hoped, however, that schools preparing students for the University will recognize the importance of carrying their pupils at least as far as the requirements for entering Course 1 in Greek, thus lightening their work while in the University. The course for beginners will be dropped from the University as soon as circumstances will permit.

#### ENTRANCE EXAMINATION IN LATIN.

To all High Schools and Academies undertaking to prepare pupils for College Latin, a preparatory course of four years with daily recitations of the usual length is earnestly recommended.

Applicants for entrance into the Freshman class will be examined as follows: In Grammar, with special stress upon Inflections and the Syntax of the Simple Sentence; in translating elementary English prose into Latin; in any four books of Caesar, the four *Lives of Nepos* that bear

upon Roman history, and any four orations of Cicero. Beginning with session 1898-'9, *Viri Romae* will be substituted for two books of Caesar, and the first book of Virgil's *Aeneid* with scansion will be added, in the foregoing requirements for admission to the School of Latin.

**Specimen Paper of Entrance Examination in Latin.**

*Inflections.*

1. When does signification determine gender and when not?
2. Discuss gender as determined by signification.
3. Decline *alius* throughout; what is the quantity of the ultimate in the gen. sing.? Is the latter form in common classic use? If not, what supplies its place?
4. Discuss the abl. sing. in *i*, with examples.
5. Write out the cardinals, ordinals, distributives, and numeral adverbs from 1 to 5 inclusive.
6. Compare *carus*, *miser*, *similis*, *malevolus*; form and compare their corresponding adverbs.
7. Inflect the present subjunctive active of *tego*; imperf. subj. pass. of *cipio*; fut. indic. pass. of *aperio*; imperative passive of *timeo*.
8. Give the principal parts of *prosum*, *volo*, *eo*, and the passive of *facio*; inflect pres. ind. of *eo* and *fi*.

*Prose Composition—Translate into Latin.*

1. He said that he would always honor (*colo*) that friend, for that through him he had been delivered (*libero*) from the danger that threatened (*impendeo*) him. 2. If you had called the physician (*medicus*) you would have been de-

livered from the disease (*morbis*). 3. Although (*cum*) the fox had announced (*nuntio*) to the cock (*gallus*) that all enmities (*inimicitia*) between (gen.) the animals were extinguished, nevertheless when he heard that the dog was running up (*accurro*) he fled. 4. It is said (*memoriae traditum est*) that Seneca's memory was so strong (*tantus*) that he was able to repeat (*repeto*) two thousand verses (*versus, -us*).

*Translation of Authors.*

1. Caesar: *De Bello Gallico*; Lib. II, cap. 30. Translate the whole chapter.

2. Questions on the translation: (a) Construction of *adventu, oppido, proeliis, oppido* (2nd), *vineis, aggere* (i. e., case and why?). (b) Construction of *irridere, instrueretur* (i. e., mood, tense and why?). (c) Construction *staturae, Gallis, contemptui, muro, collocare* and *confiderent*.

3. State as far as you can the object and character of Caesar's *Commentaries*.

4. Cicero: In Catilinan *Orationes*; Orat. III, cap. 3. Translate from "*Cum summis ac clarissimis*," etc., to "*diligentiam pertimescendam*."

5. Questions on No. 4: (a) Construction of *litteras*. (b) *Deferrem*: why imp. subj.? (c) Explain mood and tense of *esset inventum*. (d) Construction of *deferrem*. (e) *Mihi*: why dative?

**UNIVERSITY SUMMER SCHOOLS.**

The University Summer School will open on June 6, 1898, and will continue for one month. To students desiring to qualify themselves to enter the University, to

teachers wishing to increase their scholarship in certain branches, and to any other persons desiring special instruction, there will be offered opportunities for studying Algebra, Geometry, Trigonometry, Physics, Chemistry, Latin, Spanish, French, and German.

On June 6, 1898, the fifth session of the State School of Methods, which is under the control of Honorable J. M. Carlisle, State Superintendent of Public Instruction, will begin, and will close June 18. In the Faculty of the State School of Methods there will be twenty or more members; and methods of teaching primary, intermediate, and high school subjects will be presented.

On June 6, 1898, a State Summer Normal of high grade will be opened in the University buildings. In this school teachers holding First-grade or Second-grade State Certificates, obtained in County examinations or Summer Normal examinations, will have opportunity to review under competent instructors the additional branches upon which those desiring to obtain First-grade or Permanent Certificates must be examined. These subjects are as follows: Physics, Chemistry, Algebra, Elements of Geometry, Solid Geometry, Plane Trigonometry, Constitution of the United States, Constitution of Texas, Psychology, Ethics, Physiology, History of Education, General History, English and American Literature, and Elementary Double-Entry Book-keeping. The examination of **applicants for** First-grade or Permanent Certificates will be conducted Monday and Tuesday, July 4 and 5. No person desiring a Second-grade certificate will be examined. No person who at the time of the examination does not hold a State Certificate of the Second-grade or the First-grade, will be examined.

A tuition fee of \$5.00 is required for entrance into any one of the three schools; but enrollment in any one of them will give the right to enter the other schools without the payment of an additional fee.

The railroads will grant reduced rates to persons desiring to attend the Summer Schools to be held in the University. Estimates concerning board and lodging will be found on page 26.

Mr. W. S. Sutton, the head of the School of Pedagogy in The University of Texas, has general supervision of the three schools. Mr. John A. Lomax, Registrar of the University, is Secretary and Treasurer. Additional information concerning the work of the Summer Schools can be obtained from either of these gentlemen.

DEPARTMENT OF LAW.



## DEPARTMENT OF LAW.

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### **FACULTY.**

GEORGE TAYLOE WINSTON, *President.*

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ROBERT SIMONTON GOULD, *Professor of Law.*

R. L. BATTS, *Professor of Law.*

JOHN CHARLES TOWNES, *Professor of Law.*

JOHN C. SANER, *Fellow and Librarian.*

ANTON NORWALL MOURSUND, *Assistant Librarian.*

JAMES BENJAMIN CLARK, *Proctor of the University.*

### **LOCATION.**

The Law Department of The University of Texas constitutes a part of what is known as the Main University, and its exercises are held in the principal University building at Austin.

### **GOVERNMENT.**

It is under the general control of the Board of Regents. In matters common to it and the other departments of the Main University it is under the direction of the combined faculties of the several departments. Matters of internal management are controlled by the faculty of the department.

ment. The President of the University is the chief executive of the department, and the duties of the Proctor extend to all departments at Austin. The department has a separate Librarian and Assistant Librarian.

### **REQUIREMENTS FOR ADMISSION.**

Applications will be entertained for admission to

1. The Junior Class;
2. The Senior Class;
3. The Graduate Class;
4. The Evening Class.

Applications may be made for admission to either of the classes mentioned as

1. A candidate for a degree;
2. A special student.

### **Admission to Junior Class.**

#### **AS A CANDIDATE FOR A DEGREE.**

The applicant must be at least nineteen years of age and of good moral character.

The candidate may enter

1. Without examination;
2. Upon examination.

**WITHOUT EXAMINATION.**—The following persons will be admitted without examination:

1. Graduates of high schools completely affiliated with this University, or affiliated except in Greek.
2. Persons who have passed examinations in the Literary Department of this University in Mathematics, English, and Latin, and who have taken one full course in History in that department.

3. Graduates of the Agricultural and Mechanical College of Texas, of the Sam Houston Normal Institute, and of other colleges approved by the Faculty.

UPON EXAMINATION.—All other persons will be required to show proficiency in the following branches:

1. English;
2. Mathematics;
3. American and English History;
4. Latin.

*English.*—The applicant must show ability to write grammatically, to spell correctly, and to properly use capitals and punctuation marks. The essay required or other test submitted must also indicate culture and mental training.

*Mathematics.*—The examination will cover Arithmetic, Algebra, and plane Geometry, and will be substantially the same as for admission to the Department of Literature, Science, and Arts.

*History.*—This examination will require familiarity with the legal and political histories of England and the United States. Green's *Shorter History of the English People* is referred to as indicating approximately the extent and character of information regarding English history considered necessary. No short history of the United States may be mentioned which is so satisfactory, but A. H. Stephens' and Goldwin Smith's histories will suggest the kind of examination which will be submitted.

*Latin.*—The applicant should be prepared to translate the first two books of Caesar's *Commentaries*, three of Cicero's *Orations*, and the first two books of Virgil's *Aeneid*. Equivalent study of other Latin authors will be accepted.

In lieu of the Latin examination, an examination in German, French, or Spanish may be substituted.

*High Standing.*—Any person matriculated, by reason of a deficiency in one of the subjects indicated, as a special student in the Junior Course, who attains, for an entire year, a standing showing a capacity for the highest character of work, may be enrolled as a Senior candidate for a degree, notwithstanding the deficiency.

*Graduates of Partially Affiliated Schools.* — Applicants who have graduated in high schools affiliated as to some subjects with the University, will be examined only in those subjects as to which there is no affiliation.

*Teachers' Certificates.*—Holders of first-grade teachers' certificates will be required to stand examinations in English History, and in Latin or some modern language.

*Matriculates in Other Departments.* — Matriculates in other departments of the Main University will not be examined in subjects as to which they have already passed satisfactory examinations in the University.

*Qualifying Provision.*—The purpose of examinations is to satisfy the Faculty that the applicant has sufficient mental capacity and culture to perform satisfactorily the work of the department, and to do honor to the degree given upon completion of the course. The Faculty may, therefore, in exceptional cases, conceive it proper to waive some part of the examination, as they may also require additional evidence of the qualification of the applicant.

#### AS A SPECIAL STUDENT.

Any person, twenty-one years of age, not able to stand the examination required of candidates for a degree may, nevertheless, at the discretion of the Faculty, be entered

as a special student. He will not, upon completion of the course, be given a diploma, but will in all other respects be treated as other students of the department.

An applicant may be admitted as a special student:

1. Without examination;
2. Upon examination.

**WITHOUT EXAMINATION.**—He may be admitted without examination:

1. When the holder of a first-grade teachers' certificate;
2. When a graduate of a high school partially affiliated;
3. When he shall have heretofore matriculated in some other department of the University.

**UPON EXAMINATION.**—If not exempt, he will be examined in English, and in addition thereto in one of the following subjects, at the choice of the applicant: **Mathematics, History, Latin, or some modern language.**

#### **Admission to Senior Class.**

A student completing the Junior course is entitled to admission to the Senior class. If admitted as a special Junior he will be enrolled as a special Senior, unless in the meantime he shall have made up deficiencies. A student failing in minor subjects of the Junior course may, at the discretion of the Faculty, be enrolled as a Senior, upon such conditions as the Faculty may prescribe.

An applicant who has never been a member of the Junior class may, upon compliance with the conditions for admission to the Junior class, and upon passing satisfactory examinations in the subjects of the Junior course, be admitted to membership in the Senior class, as a candidate for the degree or as a special student. If the applicant's examination is entirely satisfactory as to the other subjects of

the Junior course, he may, notwithstanding deficiency in one or more minor subjects, be enrolled as a Senior. The applicant must be twenty years or more of age if a candidate for a degree, and twenty-one years of age or more if not.

#### **Admission to Graduate Class.**

Graduates of the Law Department of this University, and other law schools approved by the Faculty, may be admitted as graduate students.

#### **Admission to Evening Class.**

The conditions are the same as for admission to the regular undergraduate classes.

### **COURSES OF INSTRUCTION.**

Instruction is given in:

- (1) A regular undergraduate course;
- (2) A graduate course;
- (3) An undergraduate evening course;
- (4) Moot Courts.

#### **Regular Undergraduate Course.**

### **CURRICULUM.**

Regular undergraduate instruction, leading to the degree of Bachelor of Laws, covers two years, of nine months each:

1. Junior year;
2. Senior year.

**JUNIOR YEAR.** — The subjects studied by the Junior Class, the text and reference books used, and the instructors are indicated by the following:

*Elementary Common Law:* Instructor, Professor Batts; text-books, Blackstone's *Commentaries*, books 1, 2 and 3.

*The Law of Contract:* Instructor, Professor Gould; text-book, Anson's *Principles of the Law of Contract*; reference books, Langdell's *Cases on Contracts*, *Texas Reports*, *United States Reports*, *American Cases on Contract* by Huffcut and Woodruff.

*The Law of Sales:* Instructor, Professor Townes; text-book, *Tiffany on Sales*; reference books, Langdell's *Select Cases on Sales*, *Texas* and *United States Reports*.

*Criminal Law:* Instructor, Professor Batts; lectures by the professor; reference books, *Penal Code and Code of Criminal Procedure of Texas*, Hale's *Pleas of the Crown*, Hargrave's *State Trials*, *Texas Criminal Reports*.

*Agency:* Instructor, Professor Townes; text-book, *Huffcut on Agency*; reference books, Huffcut's *Cases on Agency*, *Texas* and *United States Reports*.

*The Law of Torts:* Instructor, Professor Townes; text-book, Cooley's *Elements of Torts*; reference books, Bigelow's *Leading Cases on Torts*, Bendick's *Cases on Torts*, Chase's *Cases on Torts*, *Texas Reports*.

*Pleading and Practice:* Instructor, Professor Townes; text-book, Sayles' *Texas Pleading, with Forms*; reference books, Roberts' *Elements of Texas Pleading*, Story's *Equity Pleading*, Shipman's *Common Law Pleading*, *Texas Reports*, *Texas Court of Civil Appeals Reports*, and Sayles' and Bassett's *Texas Pleading and Practice*.

*Evidence:* Instructor, Professor Townes; text-book, *Greenleaf on Evidence*, Vol. 1; reference books, *Texas Reports*, *Texas Criminal Reports*.

*Political Science.*—In compliance with the resolution of the Board of Regents, a course in Political Science under Professor Houston, of the Department of Literature, Science, and Arts, will be required in the Junior year.

Text-books on the subjects in charge of Professor Townes may be changed.

**SENIOR YEAR.**—The subjects studied by the Senior class, the text and reference books used, and the instructors are indicated by the following:

*Equity:* Instructor, Professor Gould; text-book, *Bispham on Equity*; reference books, Shepard's *Illustrative Cases*, *Texas* and *United States Reports*, *Pomeroy* and *Spence on Equity*.

*Corporations:* Instructor, Professor Townes; text-book, *Clark on Corporations*; reference books, *Texas* and *United States Reports*. Special lectures on Municipal Corporations.

*Suretyship and Guaranty:* Instructor, Professor Gould; lectures by the Professor; reference books, *Baylies*, *Brandt*, and *De Colyar on Suretyship*.

*The Law of Partnership:* Instructor, Professor Townes; text-book, *Mechem on Partnership*; reference books, *Texas* and *United States Reports*, *James Parsons* and *Lindley on Partnership*.

*The Law of Real Estate:* Instructor, Professor Batts; lectures by the Professor; reference books, *Texas Reports* and *Statutes*.

*Insurance:* Instructor, Professor Batts; text-book, *Richards on Insurance*; reference books, *Texas* and *United States Reports*.

*The Law of Commercial Paper:* Instructor, Professor Townes; text-book, *Bigelow's Bills and Notes*; reference

books, *Texas Statutes and Reports*, *United States Reports*, Bigelow's *Leading Cases on Bills and Notes*.

*Constitutional Law*: Instructor, Professor Batts; text-books, Roberts' *Our Federal Relations*, Cooley on *Constitutional Limitations*; books of reference, *United States Reports*, *The Federal Reporter*, *The Federalist*, Calhoun's *Works*, Story's *Constitution*, Miller's *Lectures*, *Texas Reports*. Under this general head special lectures are given by the Professor upon the jurisdiction of Federal Courts, practice in Federal Courts, removal of causes, and Texas Constitutional History.

*International Law*: Instructor, Professor Gould; text-book, Woolsey's *International Law*; reference books, Wharton's *Digest of International Law*, Snow's *Cases on International Law*, Snow's *Treaties*.

#### METHOD OF INSTRUCTION.

No one of the several recognized systems of legal instruction is used to the exclusion of other methods. The basis of the work in most of the subjects is carefully selected text-books. Especially is this true of the work primarily done. As the student advances in knowledge of the terminology and of the general principles of the law there is an increasing tendency to depart from the system. Except in the study of elementary common law, leading cases are used throughout the course. Their use is primarily illustrative, but they ultimately become the principal source of acquisition. The ordinary daily exercises consist of an informal lecture by the instructor, elaborating the subject, and supplementing the text or cases, followed by oral examinations of students. To ascertain the character of the work of the student, to encourage accuracy, to secure facility and clearness of expression, and to fix firmly impor-

tant legal principles, written exercises are not infrequently required. Independent investigation of legal questions is encouraged. To this end abstract legal questions are suggested, and the student is exercised in the oral presentation in the class room of the results of his examination. The preparation of legal instruments constitutes part of the work.

In addition to the informal lectures of the daily exercises, regular courses of lectures on the following subjects are delivered: Suretyship and Guaranty; the Constitutional History of the United States; the Constitutional History of Texas; the Jurisdiction of the Federal Courts; Practice in Federal Courts; Legal Ethics; Texas Real Estate Law; Procedure in Civil Cases; Criminal Law.

The professors devote their time entirely to instruction, and are always present in the University to aid, encourage and advise.

#### BACCALAUREATE DEGREE.

Upon the completion of any subject in the undergraduate course a final examination therein is given. Upon passing satisfactory examinations in all of the subjects of the course, a matriculate who has entered as a candidate for a degree or who having entered as a special student has made up all deficiencies, who has attended the University for at least one year as a Senior, and who has complied with all other regulations of the University, will be entitled to have conferred upon him by the Board of Regents the degree of Bachelor of Laws (LL. B.).

A diploma from this department entitles the holder to obtain license to practice law in any court of the State, without examination.

**Graduate Course.****CURRICULUM.**

Any graduate of the law department of this or any other university, desiring to devote especial attention to any particular branch of the law, may be enrolled as a student, will have access to excellent libraries here available, and will receive such aid as the Faculty may have time to extend. The ultimate design is to give, in this course, not only opportunity for additional general culture, but to offer facilities for specialization in either of the major subjects constituting a part of the undergraduate course. It is not conceived advisable, however, at this time, on account of the great amount of work required in the undergraduate course of instruction, to give a wide range in the choice of subjects to be studied by candidates for the master's degree. A course covering the following subjects is offered:

General Jurisprudence;

Conflict of Laws;

Roman Law;

Constitutional History and Law.

*General Jurisprudence* (Professor Gould).—In the treatment of this subject the following works will be used by the student: Holland's *Jurisprudence*; Austin's *Jurisprudence*; Amos' *Jurisprudence*; Clark's *Practical Jurisprudence*; Hearne's *Legal Duties and Rights*; *Outlines of the Science of Jurisprudence* (translations from Puchter, Friedlander, Falck and Ahrens) by Hastie; *Critical History of Modern English Jurisprudence*, by Geo. H. Smith; Markby's *Elements of Law*; Lorimer's *Institutes of Law*.

*Conflict of Laws* (Professor Gould).—Use is made of the following books: Wharton's, Story's, Westlake's, Dicey's, and Merrill's works on *Conflicts of Laws*; Rorer's *Interstate Law*; *Journai du droit International Prive*; Jacobs on *Domicil*; Bishop on *Marriage and Divorce*; *Proceedings International American Conference*, 1890.

*Constitutional History and Law* (Professor Batts).—The study of Constitutional History and Law covers, as completely as may be within the time, the following: The formation and growth of the English Constitution; the formation and development of the American Constitution; Comparative Constitutional Law; formation of the Texas State Constitution. The following among other works are used: *The Domesday Book*, *Rotuli Parliamentorum*, *Early English Statutes*, Hargrave's *State Trials*, Stubb's *Constitutional History*, Mays' *Constitutional History*, Anson's *Law and Customs of the Constitution*, Pollock & Maitland's *History of the Common Law*, Stephens' *History of the Criminal Law of England*, Taylor's *Origin and Growth of the English Constitution*, Bancroft's *History of the Formation of the Constitution of the United States*, the *Federalist*, Elliott's *Debates*, the works of Calhoun, the works of A. H. Stephens, Miller's *Lectures*, *Story on the Constitution*, the *United States Statutes and Reports*, the *Texas Constitutions* of 1837, 1845, 1861, 1866, 1869, and 1875; Journals of the Texas Constitutional Conventions.

*Roman Law* (Professor Gould).—The basis of the work in the Civil Law is Hunter's *Roman Law in Form of a Code* and Sandar's *Justinian*. *The Corpus Juris Civilis*, Gibbon's *Rome*, *Las Partidas*, and the works of Hunter, Maine, Amos, Ortolan, Mackenzie, Sohme, Howe, and others are frequently consulted. The library of the

department contains a valuable collection of works on Roman law, purchased with especial reference to the needs of students pursuing this course.

*Development of the Texas System of Law* (Professor Townes).—This work consists in original investigation and study of the growth of the Texas Law on designated subjects, and the preparation thereon of theses to be retained in the department. The principal purpose is to accustom the student to trace the law to its origin, and to ascertain, so far as may be, the influence in the development of our peculiar jurisprudence of the Civil Law and Common Law respectively, and of the social and political conditions contemporaneous with the most important changes.

#### METHOD OF INSTRUCTION.

The method of instruction involves a further development of the ideas upon which the system of undergraduate instruction is based. It is assumed that the student will need little more than general direction. Formal exercises therefore are not frequent, and consist principally in submitting to the instructor for his criticism and advice the results of independent investigation.

#### MASTER'S DEGREE.

Upon satisfactory completion of the Graduate course, the requirements for admission and other regulations of the University having been complied with, and the student having resided one year at the University as a member of the graduating class, the degree of Master of Laws (LL. M.) is conferred by the Board of Regents.

**The Undergraduate Evening Course.**

At the beginning of the session of 1893-94 an evening class was voluntarily established by the Law Faculty in an effort to still further extend the sphere of usefulness of the University, and for the benefit of persons who were prevented by business from attending the regular exercises. The success of the experiment is manifest, and the class will be continued. The course is so arranged as to complete the undergraduate course in three years instead of two, as in the regular class.

The instructors, the subjects of study, the books used, and the requirements for admission and for graduation are the same as for the regular class.

**Moot Courts.**

Pleading and practice in the Moot Court constitute regular exercises of the University. The court is established immediately after the Christmas holidays, and a session is held each Thursday at 3 p. m. until the close of the year.

It is constituted of one of the Professors of Law, acting as chief justice, associated with two members of the Senior class. Members of the class serve in turn. A clerk and a sheriff are appointed, who conform as near as may be with State laws regulating the duties of those officers.

The cases are based upon statements of fact prepared by the instructors, with a view of presenting one or more issues of substantive law, and questions of pleading and practice. The pleadings are in accordance with the rules of the district courts of Texas, the court being assumed to

have the jurisdiction of a district court of Travis County. The questions of pleading and practice are determined by the Professor sitting as chief justice. Propositions of law are supported by oral arguments and by briefs prepared in conformity with the rules obtaining in the Supreme Court. At the sitting of the court next after the submission of a cause, a written opinion is read by one or more of the judges. Judgment is given and entered upon the records of the court in conformity to the views expressed by a majority of the members. Judgment is followed by the issuance of execution or other proper process.

Proceedings in attachment, garnishment, injunction, and other extraordinary remedies are had in proper cases. Occasional jury trials are had.

All members of the Senior class are attorneys of this court, and are required to prosecute and defend causes therein. Members of the Junior class are sometimes assigned to duty, and the presence of all members of this class is encouraged.

During the present year an additional Moot Court with the jurisdiction of a justice's court has been organized.

The students have also voluntarily organized two Criminal Moot Courts.

#### **AIDS.**

To encourage further preparation for the duties of the legal profession, the librarian of the Law Department and assistant librarian are chosen from the most worthy members of the Senior class who are desirous of prosecuting their studies further in the Graduate class. The compensation of librarian is \$300; that of the assistant, \$150.

**LIBRARIES.**

**THE LAW LIBRARY.**—The law library consists of nearly 3500 carefully selected books; it contains a number of sets of the Texas Reports, two sets of the United States Reports, the American Decisions, American Reports, and American State Reports, the New York Reports, the Revised English Reports (so far as issued), the Federal Reporter, the Federal Cases, standard text-books on many important topics of the law, a small but valuable collection of books upon the Civil Law, and a valuable collection of works appertaining to American and English constitutional history and law.

Commodious quarters immediately above the lecture rooms are occupied as library and study.

Occasion is taken to acknowledge the kindness of a few of the old students and other friends of the department in sending to the library law books and periodicals. Especial acknowledgments are due ex-Governor O. M. Roberts for the donation of his valuable collection of law books and historical works. Further courtesies of this kind will be greatly appreciated, and fitting acknowledgment will be made. Briefs will be thankfully received and carefully preserved.

The Law Library is kept open from 9 a. m. to 10 p. m. (with short intermissions) every day except Sunday.

**THE UNIVERSITY LIBRARY.**—The students of the Law Department have access to the general library of the University.

**THE SUPREME COURT LIBRARY.**—The students have access also to the library of the Supreme Court of Texas, perhaps the best law library in the South, consisting of the

Reports of all the States, all the Reports of the Courts of the United States, all the English Reports, all the Irish Reports, and all of the standard American and English law text-books.

**OTHER LIBRARIES.**—The State Library in the Department of Agriculture, Insurance, Statistics and History is open to all the citizens of the State. Students are frequently extended courtesies by other departments of the State government having sets of Texas Reports. The libraries of the professors have been freely used by students.

### **EXPENSES.**

**MATRICULATION FEE.**—The fee for matriculation in the Law Department is \$30, payable once. Other requirements complied with, the matriculate is entitled to take all of the courses in Law, and all other courses in all the other departments of the University, without payment of additional matriculation fees.

**TUITION.**—Tuition is free.

**LIBRARY DEPOSIT.**—A library deposit of \$5, required annually upon registration, is returned, less charges for loss and injury to books, at the close of the year.

**GENERAL EXPENSES.**—The expenses of a student for clothing, etc., are dependent on his habits, inclinations, and financial condition. They need not be greater than elsewhere. There are no regulations of the University requiring particular costumes for any purpose, and University sentiment requires nothing more than the student can afford.

**BOARD.**—Board and lodging may be had for from twelve to twenty dollars per month. At University Hall charges are twelve dollars for board and three for rooms.

**BOOKS.**—The text-books used in the University have been purchased new from dealers here during the current year at the following prices:

Text-books used in the Junior Class:

|                                                 |        |
|-------------------------------------------------|--------|
| Chitty's <i>Blackstone</i> .....                | \$5 00 |
| Anson, <i>Contracts</i> .....                   | 3 50   |
| Tiffany on <i>Sales</i> .....                   | 3 75   |
| Huffcut on <i>Agency</i> .....                  | 2 50   |
| Sayles' <i>Texas Pleading, with Forms</i> ..... | 6 00   |
| Cooley's <i>Elements of Torts</i> .....         | 3 25   |
| Greenleaf, <i>Evidence</i> , volume I .....     | 3 35   |
| <i>Revised Statutes of Texas</i> .....          | 3 00   |

Text-books used in Senior Class:

|                                                  |        |
|--------------------------------------------------|--------|
| Bispham's <i>Equity</i> .....                    | \$5 00 |
| Clark's <i>Private Corporations</i> .....        | 3 75   |
| Mechem's <i>Partnership</i> .....                | 2 50   |
| Richards' <i>Insurance</i> .....                 | 5 00   |
| Bigelow's <i>Bills and Notes</i> .....           | 2 50   |
| Cooley's <i>Constitutional Limitations</i> ..... | 5 00   |
| Roberts' <i>Our Federal Relations</i> .....      | 1 00   |
| Woolsey, <i>International Law</i> .....          | 2 50   |

As heretofore indicated, changes may be made in some of the text-books. Reference books are furnished by the University. Most of the books used in the Graduate class are also furnished.

Catalogues may be obtained by addressing

PRESIDENT WINSTON,  
The University of Texas,  
Austin, Texas.

# CATALOGUE OF STUDENTS

IN THE

## DEPARTMENT OF LAW.

1897-98.

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### Graduates.

| Names.                                      | Residence.      |
|---------------------------------------------|-----------------|
| Huberich, Charles Henry.....                | San Antonio.    |
| (LL. B., The University of Texas.)          |                 |
| Moursund, Anton Norwall .....               | Fredericksburg. |
| (LL. B., The University of Texas.)          |                 |
| Moore, Victor Cloud .....                   | Austin.         |
| (LL B., The University of Texas.)           |                 |
| Saner, John Crawford.....                   | Austin.         |
| (LL. B., The University of Texas.)          |                 |
| Thornton, Fitzhugh.. ..                     | Austin.         |
| (B. Lit., LL. B., The University of Texas.) |                 |
| Todd, Jefferson Davis.....                  | St. Elmo.       |
| (LL. B., The University of Texas.)          |                 |

### Seniors.

|                                          |                  |
|------------------------------------------|------------------|
| Axtell, Decatur Boynton.....             | Waco.            |
| Bailey, William Stuart .....             | Fort Worth.      |
| (Georgetown College, Ky.)                |                  |
| Batsell, Charles William.....            | Sherman.         |
| (B. S., Southwestern University, Texas.) |                  |
| Bethea, Lamar.....                       | Seven Oaks.      |
| Blacklock, Alexander Galpin.....         | Cleveland, Tenn. |
| (M. A., University of the South, Tenn.)  |                  |
| Boynton, Alexander .....                 | Austin.          |

| Names.                                | Residence.       |
|---------------------------------------|------------------|
| Boyette, William Franklin .....       | Tyler.           |
| Caldwell, Charles Pope .....          | Austin.          |
| (Austin High School.)                 |                  |
| Caldwell, J. Ollie .....              | Austin.          |
| (Cumberland University, Tenn.)        |                  |
| Casey, Charles Edward .....           | Burkeville.      |
| (Blum College, Texas.)                |                  |
| Casey, Thomas Henry .....             | Burkeville.      |
| Connally, Thomas Terry .....          | Eddy.            |
| (A. B., Baylor University, Texas.)    |                  |
| Daffan, John Day .....                | Ennis.           |
| (Ennis High School.)                  |                  |
| Daniels, Meek Levelle .....           | Grandview.       |
| Davis, Wirt .....                     | Dallas.          |
| (Yale University.)                    |                  |
| Denmark, Andrew Walker .....          | Rancho.          |
| Donaldson, John Walter .....          | Windom.          |
| Dunbar, Robert A. ....                | Campbell.        |
| Folsom, Allison Thompson ....         | Austin.          |
| Fort, Guerry Brooks .....             | Paris.           |
| (Paris High School.)                  |                  |
| Goree, Robert Edwin .....             | Galveston.       |
| Hemphill, Bernard Boyle .....         | Ennis.           |
| (Ennis High School.)                  |                  |
| Hill, Raymond .....                   | Austin.          |
| (Austin High School.)                 |                  |
| Isuacs, Leonard Broadnax .....        | Rockdale.        |
| (B. Lit., The University of Texas.)   |                  |
| Jenkins, Jack .....                   | Bastrop.         |
| Jordan, Harry Phillip .....           | Austin.          |
| (B. C. E., A. and M. College, Texas.) |                  |
| Kelly, Thomas L. ....                 | Haynesville, La. |
| (B. S., Jeff Davis College, La.)      |                  |
| King, Harry Tom .....                 | Houston.         |
| Kopperl, Moritz Osterman .....        | Galveston.       |
| (University of Virginia )             |                  |
| Lasseter, Henry Elbert .....          | Tyler.           |
| Lewis, John Woodson .....             | Willis.          |
| Lockett, Joseph Louis .....           | Rockdale.        |
| (A. B., Austin College, Texas.)       |                  |

| Names.                                      | Residence.    |
|---------------------------------------------|---------------|
| Masterson, John Harris .....                | Galveston.    |
| (Ball High School, Galveston.)              |               |
| Mayer, Max Kaufman .....                    | Fort Worth.   |
| (Fort Worth High School.)                   |               |
| Midkiff, William Preston .....              | Gainesville.  |
| Nixon, Robert Fulton .....                  | Luling.       |
| Palm, John Cavileer .....                   | Austin.       |
| (B. S., The University of Texas.)           |               |
| Parker, Daniel, Jr. ....                    | Calvert.      |
| Parker, Howard .....                        | Mount Vernon. |
| (A. B., University of Nashville, Tenn.)     |               |
| Pierson, William .....                      | Haskell.      |
| (B. Lit., Baylor University, Texas.)        |               |
| Read, Cloyd Henry .....                     | Brownsville,  |
| (A. B., University of Tenn.)                |               |
| Tenn.                                       |               |
| Sellars, James Wesley .....                 | Cleburne.     |
| (B. S., Granbury College, Texas.)           |               |
| Spalding, Curtis Edwin .....                | Austin.       |
| Thompson, John Hunter .....                 | Bellville.    |
| (A. and M. College, Texas.)                 |               |
| Thompson, William Hardeman .....            | San Marcos.   |
| Waggener, Leslie .....                      | Austin.       |
| Wells, Rube Samuel .....                    | Paris.        |
| West, J. R. ....                            | Grandview.    |
| Whitton, Robert Benjamin .....              | Grand Saline. |
| (B. L., Add-Ran University, Texas.)         |               |
| Witherspoon, Colman Grigsby. ....           | La Plata.     |
| Young, James Wiley .....                    | Bastrop.      |
| (B. S., Emory and Henry College, Virginia.) |               |

### Juniors.

|                                       |             |
|---------------------------------------|-------------|
| Abercrombie, Leonard Anderson .....   | Huntsville. |
| (Worcester Academy, Worcester, Mass.) |             |
| Allen, Bates McFarland .....          | Austin.     |
| Amerman, Almeron Earl .....           | Houston.    |
| (Houston High School.)                |             |
| Bailey, Lyman John .....              | Austin.     |

| Names.                                | Residence.      |
|---------------------------------------|-----------------|
| Baker, Philip Sterling .....          | Cheapside.      |
| (Coronal Institute, Texas.)           |                 |
| Barclay, Goodhue Wilson .....         | Temple.         |
| Bethea, Cade .....                    | Seven Oaks.     |
| Boyd, William Ewing .....             | Cooper.         |
| (University of Arkansas.)             |                 |
| Brackenridge, John Adams .....        | Austin.         |
| Bradley, Joseph William .....         | Buda.           |
| Bunting, Walter Joseph .....          | Flatonia.       |
| Burford, Arthur Lee .....             | Weimar.         |
| (Coronal Institute, Texas.)           |                 |
| Bush, Harvey Granville .....          | Gainesville.    |
| Caldwell, Walter Morris .....         | Houston.        |
| Caldwell, Sebbituane Felix .....      | Mount Pleasant. |
| Chew, Edwin T. ....                   | Houston.        |
| Connerly, Frederick Taylor .....      | Austin.         |
| Cummings, Bryan Yancey .....          | Hillsboro.      |
| Currie, Kennedy McAlpine .....        | Galveston.      |
| (Ball High School, Galveston.)        |                 |
| Curry, John Thomas .....              | Kosse.          |
| Cypert, John Jasper .....             | Hillsboro.      |
| Dies, Jack .....                      | Woodville.      |
| Ellis, Olinthus .....                 | Hallettsville.  |
| Fiser, Arthur Lee .....               | Mooreville.     |
| Fisher, Henry Clay .....              | Austin.         |
| Ford, John Stanley .....              | Austin.         |
| (M. A., The University of Texas.)     |                 |
| Gibson, C. F. ....                    | Rusk.           |
| Hardy, Rufus Lamar .....              | San Marcos.     |
| (Coronal Institute, Texas.)           |                 |
| Hawkins, John Waller .....            | Hallettsville.  |
| (B. S. A., A. and M. College, Texas.) |                 |
| Hildebrand, Ira Polk .....            | Waco.           |
| (A. B., Add-Ran University, Texas.)   |                 |
| Hogsett, Sam Jay .....                | Fort Worth.     |
| Holmes, Yancey Wendell .....          | Leesville.      |
| Hornberger, Jacob George .....        | Austin.         |
| Humphries, Walter .....               | Goldthwaite.    |
| Hunt, Lenoir .....                    | Austin.         |

| Names.                                   | Residence.      |
|------------------------------------------|-----------------|
| Hutchings, Thomas Claude.....            | Mount Pleasant. |
| Ivey, Ellis.....                         | Hale Center.    |
| Jarmon, Burr Harrington .....            | Wetmar.         |
| Jenkins, Thomas Hunter .....             | Bastrop.        |
| Kent, Dudley Mayo .....                  | Waco.           |
| (Waco High School.)                      |                 |
| King, Clarence Waldman.....              | San Antonio.    |
| Kleberg, Rudolph, Jr.....                | Yorktown.       |
| (M. A., The University of Texas.)        |                 |
| Koch, William Frederick.....             | Shiner.         |
| Lamkin, Emil Clyde .....                 | Luling.         |
| (Luling High School.)                    |                 |
| Larkin, Thomas Walter.....               | San Antonio.    |
| Lewis, Henry Lafayette .....             | Courtney.       |
| Lomax, Page Tayloe .....                 | Cleburne.       |
| (San Antonio Academy.)                   |                 |
| Lumpkin, Alexander Abe.....              | Meridian.       |
| (Southwestern University, Texas.)        |                 |
| McClintock, Edward Buck .....            | El Paso.        |
| *McConnell, James Walton.....            | Mineola.        |
| McCullough, Edward C. ....               | Mooreville.     |
| McGuire, Gordon Bennett.....             | Gatesville.     |
| (B. S., Southwestern University, Texas.) |                 |
| McMains, Horace Edwin .....              | Oenaville.      |
| McNeill, Nathan Adolphus .....           | Warren.         |
| Melton, Alger.....                       | Kimball.        |
| Miller, William Tecumseh .....           | Waeider.        |
| Morris, James Virgil.....                | Florence.       |
| Morriss, William Abner.....              | Mountain Home.  |
| Odell, Willmot Mitchell .....            | Cleburne.       |
| (Cleburne High School.)                  |                 |
| Pazdrall, Method.....                    | Fayetteville.   |
| Phelps, James Ivey.....                  | Macune.         |
| Pierson, John Willis .....               | Emory.          |
| Pierson, William Modrall.....            | Winnsboro.      |
| Pleasants, John James .....              | Austin.         |
| Potter, William Dixon .....              | Gainesville.    |

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\*Deceased.

| Names.                                   | Residence.        |
|------------------------------------------|-------------------|
| Reeves, Horton Granville . . . . .       | Llano.            |
| Robison, James Thomas . . . . .          | Daingerfield.     |
| Rollins, Albert Sidney . . . . .         | Merit.            |
| Seay, James Duglass . . . . .            | Lone Grove, I. T. |
| Shaw, H. A. . . . .                      | Austin.           |
| Shelton, H. Hodgen . . . . .             | Austin.           |
| Shelley, Frederic William . . . . .      | Austin.           |
| (B. S., The University of Texas.)        |                   |
| Smith, Horace . . . . .                  | Corn Hill.        |
| Smoot, Lawrence Kelley . . . . .         | Austin.           |
| Starley, James Edward . . . . .          | Tyler.            |
| (B. S., Southwestern University, Texas.) |                   |
| Tarlton, John . . . . .                  | Fort Worth.       |
| (Louisiana State University.)            |                   |
| Townsend, William James, Jr. . . . .     | Lufkin.           |
| Walshe, Robert Clive . . . . .           | Abilene.          |
| Watkins, Robert Oscar . . . . .          | Nacogdoches.      |
| Weisiger, Samuel Price, Jr. . . . .      | Austin.           |
| Wheeler, James Samuel . . . . .          | Marinette, Wis.   |
| (University of Wisconsin.)               |                   |
| White, Owen Payne . . . . .              | El Paso.          |
| (El Paso High School.)                   |                   |
| Whiteley, Thomas Sanders . . . . .       | Sparta.           |
| Woods, John William . . . . .            | Putnam.           |
| Wooldridge, W. Birch . . . . .           | Galveston.        |
| (Vanderbilt University, Tenn.)           |                   |
| Wortham, Richard Walter . . . . .        | Paris.            |
| (Paris High School.)                     |                   |
| Wright, Ralph Dowell . . . . .           | Taylor.           |
| Yeiser, Edwin Hopson . . . . .           | Austin.           |

# GRADUATES OF THE UNIVERSITY

IN THE

## DEPARTMENT OF LAW.

Names marked † are those of deceased Alumni.

### Masters of Law.

| Name.                       | Year | Occupation.      | Residence. |
|-----------------------------|------|------------------|------------|
| Clark, Charles C.....       | 1895 | Lawyer .....     | Dallas.    |
| Gordon, William Andrew ..   | 1895 | do .....         | Austin.    |
| †Henderson, John Hopkins .. | 1894 | .....            | .....      |
| Kimbrough, William Henry    | 1897 | School Supt. . . | Houston.   |
| Lowrance, Fred Herndon ...  | 1897 | Lawyer.....      | Austin.    |
| Nunn, William Henry.....    | 1895 | do .....         | Taylor.    |
| Patterson, John McQuesne..  | 1897 | do .....         | Houston.   |
| Rhea, Alec.....             | 1895 | do .....         | Dallas.    |
| Von Struve, Henry Clay....  | 1896 | Teacher.....     | Brenham.   |

### Bachelors of Law.

| Name.                       | Year | Occupation.      | Residence.  |
|-----------------------------|------|------------------|-------------|
| Abbott, Elijah Coleman..... | 1890 | .....            | .....       |
| Abbott, Elisha Gee.....     | 1897 | Lawyer .....     | Hillsboro.  |
| Allen, Fred Edward.....     | 1888 | City Attorney... | San Angelo. |
| Allen, Stanton .....        | 1894 | Lawyer .....     | Bartlett.   |
| Andrews, Jesse.....         | 1896 | do .....         | Houston.    |
| †Andrews, Richard Warren    | 1884 | .....            | .....       |
| Andrews, Tom .....          | 1887 | Lawyer .....     | McKinney.   |
| Armstrong, Geo. W.....      | 1886 | County Judge ..  | Fort Worth. |
| Arnold Jasper Henry.....    | 1890 | County Attorney  | Gatesville. |
| Astin, James Robert .....   | 1887 | Lawyer .....     | Dallas.     |
| Atchley, Arthur Calvin .... | 1897 | do .....         | Dallas.     |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                       | Year | Occupation.         | Residence.    |
|-----------------------------|------|---------------------|---------------|
| Ayres, Newton.....          | 1897 |                     | Bowie.        |
| Atwell, William Hawley....  | 1891 | Lawyer .....        | Dallas.       |
| Bailey, Samuel Foster.....  | 1897 |                     | Petty.        |
| Baker, Rhodes Semmes.....   | 1896 | Lawyer .....        | Dallas.       |
| Baldwin, Jacob Chester..... | 1888 | do .....            | Haskell.      |
| Baldwin, James Monroe....   | 1893 | do .....            | Windom.       |
| Ball, Frank Mitchell.....   | 1890 | do .....            | Texarkana.    |
| Ballew, William Wallace.... | 1887 | do .....            | Corsicana.    |
| Barber, William Gilbreth... | 1889 | City Attorney..     | San Marcos.   |
| Barron, Luther Wiggins....  | 1889 | Minister.....       | Huntsville.   |
| Bartlett, Zenus Wilson..... | 1890 | Lawyer .....        | Marlin.       |
| Bates, William David .....  | 1881 | do .....            | Corsicana.    |
| Batts, Robert L.....        | 1886 | Prof., The U. of T. | Austin.       |
| Beall, James Andrew.....    | 1890 | Senator, 25th Leg.  | Waxahachie.   |
| Bean, B. F.....             | 1888 | Mem. 25th Leg..     | Groveton.     |
| Bell, S. B.....             | 1888 | Lawyer .....        | San Antonio.  |
| Belsterling, Edw. Anthony.. | 1895 | do .....            | Dallas.       |
| Bishop, Harry Dickinson...  | 1897 | do .....            | San Marcos.   |
| Blanton, Thomas Lindsay ..  | 1897 | do .....            | Albany.       |
| Bond, William Monroe.....   | 1888 | do .....            | Cumby.        |
| Boner, Walter Lee .....     | 1896 | do .....            | Aubrey.       |
| Bowser, David Watt.....     | 1896 | do .....            | Dallas.       |
| Boyce, William.....         | 1893 | do .....            | Taylor.       |
| †Bradshaw, C. J.....        | 1886 |                     |               |
| Brady, John Wilfred .....   | 1891 | Lawyer .....        | Austin.       |
| Brame, Todd Lafayette....   | 1884 | City Attorney ..    | Sherman.      |
| Branch, Elbert Clinton..... | 1888 | Lawyer .....        | Nacogdoches.  |
| Broocks, Moses Lyeurgus ..  | 1891 | Dist. Attorney..    | Beaumont.     |
| Brooks, Victor Lee .....    | 1892 | Lawyer .....        | Austin.       |
| Browne, Calhoun Metz.....   | 1897 | do .....            | Austin.       |
| Brown, Perry Walter .....   | 1889 | City Attorney ..    | Palestine.    |
| Brueggerhoff, William ..... | 1890 | Lawyer .....        | Austin.       |
| Buchanan, James Paul .....  | 1889 | County Attorney     | Brenham.      |
| Buffington, Thomas Patrick  | 1892 | Lawyer .....        | Houston.      |
| Bumpass, Ed. R.....         | 1888 | do .....            | Terrell.      |
| Burges, William Henry, Jr., | 1889 | do .....            | El Paso.      |
| Burleson, Albert Sidney.... | 1884 | Dist. Attorney..    | Austin.       |
| Burns, James Columbus ..... | 1885 | Lawyer .....        | Goliad.       |
| Caldwell, John Henry.....   | 1891 | do .....            | Austin.       |
| Calhoun G .....             | 1886 | County Attorney     | Austin.       |
| Camp, Thomas Lamar.....     | 1889 | Lawyer .....        | Dallas.       |
| Carlock, Thomas Wells.....  | 1892 | County Attorney     | Paris.        |
| Carroll, Benajah Harvey ... | 1894 | Minister .....      | Colorado City |
| Carter, Clarence L.....     | 1892 | Dist. Attorney..    | Livingston.   |
| Carter, George Hardeman..   | 1897 | Lawyer .....        | Marlin.       |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                              | Year | Occupation.      | Residence.     |
|------------------------------------|------|------------------|----------------|
| Caruthers, Robert L. ....          | 1897 | Lawyer. ....     | Sherman.       |
| Clark, James Stewart ....          | 1897 | do .....         | Boerne.        |
| Clark, Charles C. ....             | 1894 | do .....         | Dallas.        |
| Clark, Ross L. ....                | 1895 | do .....         | Dallas.        |
| Clement, William Robbins..         | 1894 | do .....         | Houston.       |
| Cloud, Joseph Walker. ....         | 1891 | do .....         | Austin.        |
| Cobb, John Henry. ....             | 1884 | do .....         | Wichita Falls  |
| Cocke, John Walter, Jr ....        | 1895 | do .....         | Waco.          |
| Coleman, John Milam. ....          | 1885 | do .....         | Houston. [T    |
| Cooke, George L. ....              | 1894 | Clerk U. S. Ct.. | Oklahoma, O.   |
| Coopwood, Bethel, Jr. ....         | 1885 | Lawyer .....     | San Diego.     |
| Corwin, Walter Bart. ....          | 1890 | do .....         | Austin.        |
| Cowart, Thomas Edward. ....        | 1892 | do .....         | San Jose, Cal. |
| Cox, Walter Elias. ....            | 1890 | do .....         | San Antonio.   |
| Crane, Royston Campbell ..         | 1886 | do .....         | Roby. [N.Y.    |
| Crank, William Henry, Jr..         | 1890 | do .....         | New York.      |
| Crawford, Richard Eddins..         | 1892 | County Attorney  | Mason.         |
| Crawford, Walter Joshua. ....      | 1897 | Lawyer .....     | Beaumont.      |
| Creswell, Frank. ....              | 1897 | do .....         | San Antonio.   |
| Crook, William Wiles .....         | 1893 | do .....         | Hempstead.     |
| Culver, Albert Henry. ....         | 1890 | do .....         | Sherman.       |
| Cummins, Humboldt Hunter           | 1894 | do .....         | Denison.       |
| Cunningham, Henry Allen..          | 1893 | City Attorney .. | Bonham.        |
| Dabney, L. M. ....                 | 1887 | Lawyer .....     | Dallas.        |
| Dabney, S. B. ....                 | 1887 | do .....         | Victoria.      |
| Darwin, Robert. ....               | 1894 | do .....         | Thornton.      |
| Davenport, Robert Eugene,          | 1890 | do .....         | Mt. Vernon.    |
| Davis, Franklin Coley. ....        | 1893 | do .....         | Jacksonville.  |
| Davis, Marcus Welden. ....         | 1895 | do .....         | San Antonio.   |
| Dawson, Nicholas A. ....           | 1888 | do .....         | Austin.        |
| Dennis, John Henry Hutch-<br>ings. | 1893 | Mem. 25th Leg..  | Wharton.       |
| Denton, George N. ....             | 1895 | Lawyer .....     | Waco.          |
| †De Pew, Orvis Gregory. ....       | 1892 | do .....         | do .....       |
| Dittmar, Charles. ....             | 1892 | Lawyer .....     | San Antonio.   |
| Dobbs, David William. ....         | 1897 | do .....         | Edna.          |
| Dockray, Walter Hiram .....        | 1892 | do .....         | do .....       |
| Dohoney, Albert Peyton. ....       | 1889 | do .....         | Paris.         |
| Doom, David Houston. ....          | 1896 | do .....         | Austin.        |
| Donalson, Walter Percy. ....       | 1897 | do .....         | San Marcos.    |
| Doughty, L. ....                   | 1888 | do .....         | Goldthwaite.   |
| Douthit, Ellis. ....               | 1891 | do .....         | Sweetwater.    |
| Dudley, W. Sherwood. ....          | 1894 | do .....         | Dallas.        |
| Earle, John Bayliss. ....          | 1890 | do .....         | Waco.          |
| Eddins, E. M. ....                 | 1888 | do .....         | Waco. [Tenn.   |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                        | Year | Occupation.      | Residence.    |
|------------------------------|------|------------------|---------------|
| Elrod, Albert J. ....        | 1897 | Lawyer.          | Rutherford,   |
| Espy, Walter Wakefield....   | 1897 | do .....         | Dothan, Ala.  |
| Estes, William Lee.....      | 1893 | do .....         | Texarkana.    |
| Fairris, George S. ....      | 1888 | do .....         | Alto.         |
| Farrar, Simon Bowden....     | 1890 | do .....         | Waxahachie.   |
| Felder, Thomas Elliott....   | 1889 | do .....         | Brenham.      |
| Fennell, Alonzo.....         | 1897 | do .....         | Hillsboro.    |
| Ferrell, C. C. ....          | 1887 | do .....         | Anson.        |
| Feuille, Frank .....         | 1886 | do .....         | Brownsville.  |
| Fiset, Franz .....           | 1886 | do .....         | Austin.       |
| Fisher, Charles James....    | 1889 | do .....         | Bay City.     |
| Fisher, Lewis.....           | 1895 | do .....         | Galveston.    |
| Fisher, O. ....              | 1886 | do .....         |               |
| Fly, David Harper .....      | 1897 | do .....         | Hondo City.   |
| Ford, Thomas Cheatham....    | 1896 | do .....         | Houston.      |
| Gano, Maurice Dudley....     | 1889 | do .....         | Dallas.       |
| Garrett, William Beverly...  | 1885 | do .....         | Brenham.      |
| Garrison, John Thomas....    | 1890 | do .....         | Nacogdoches.  |
| George, J. W. ....           | 1887 | do .....         | Dallas.       |
| Gibson, Andrew J .....       | 1886 | do .....         | Austin.       |
| Gillespie, Charles James.... | 1890 | do .....         | Kerrville.    |
| Gillis, Walter .....         | 1886 | District Judge.. | Del Rio.      |
| Goeth, Conrad Alexander..    | 1890 | Lawyer .....     | San Antonio.  |
| Goggin, James Mann .....     | 1887 | do .....         | San Antonio.  |
| Goff, Fred Lenoir....        | 1893 | do .....         | Chicago, Ill. |
| Goodrich, William Franklin   | 1886 | do .....         | Hempfill.     |
| Goodwin, Osce .....          | 1885 | do .....         | Waxahachie.   |
| Gordon, William Andrew..     | 1894 | do .....         | Austin.       |
| Graham, Augustus B .....     | 1888 | do .....         | Corsicana.    |
| Graham, James Andrew....     | 1887 | do .....         | Bowie.        |
| Granberry, Marcus Collier..  | 1889 | do .....         | Austin.       |
| Green, John M .....          | 1886 | do .....         | Yoakum.       |
| Gregory, Thomas Watt....     | 1885 | do .....         | Austin.       |
| Gresham, Walter, Jr. ....    | 1897 | do .....         | Galveston.    |
| Groby, Chris Robert .....    | 1894 | do .....         | Hempstead.    |
| Gross, William Grant.....    | 1886 | County Judge..   | Childress.    |
| Hair, William Wilbern....    | 1890 | County Attorney  | Belton.       |
| Hale, Owen Pickett.....      | 1885 | Lawyer .....     | Paris.        |
| Hall, Robert Walker .....    | 1886 | do .....         | Vernon.       |
| Hamer, James Pleasant, Jr..  | 1895 | do .....         | Austin.       |
| Hamilton, Arthur Claude....  | 1894 | Dist. Attorney.. | Laredo.       |
| Hamilton, James Robert....   | 1885 | Lawyer .....     | Austin.       |
| Hancock, Curtis .....        | 1897 | City Attorney... | Oak Cliff.    |
| Hancock, William Pitt....    | 1897 | Lawyer.....      | Waxahachie.   |
| Harding, William Lawrence    | 1884 | do .....         | Waxahachie.   |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                       | Year | Occupation.      | Residence.     |
|-----------------------------|------|------------------|----------------|
| Hardison, Leslie Lewis..... | 1893 | Lawyer.....      | Paris.         |
| Hargrave, J. H.....         | 1888 | do .....         | Greenville.    |
| Harper, Henry Hughes.....   | 1889 | do .....         |                |
| Harper, William Jefferson.. | 1897 | do .....         |                |
| Harris, V. B.....           | 1885 | do .....         | Quitm'n.[I.T.  |
| Harris, Walter Reynolds.... | 1897 | do .....         | S. McAlester,  |
| Harris, William Pinkney.... | 1890 | City Attorney... | Gonzales.      |
| Harris, William Thompson..  | 1891 | Lawyer .....     | Wichita Falls. |
| Harrison, James Anderson..  | 1889 | do .....         | Waco.          |
| Hart, William DeNormandie   | 1895 | do .....         | Austin.        |
| Harvey, John Dixon.....     | 1893 | do .....         | Hempstead.     |
| Haskell, Benjamin Grayson.. | 1896 | do .....         | Stockdale.     |
| Hawkins, Frank Lee.....     | 1889 | County Clerk...  | Waxahachie.    |
| Hay, William Lynn.....      | 1894 | Lawyer.....      | Sherman.       |
| Hayes, William Norman....   | 1892 | do .....         |                |
| Hayes, Vaulter Bordeaux.... | 1894 | do .....         | Groesbeeck.    |
| †Heffner, G. E.....         | 1886 | .....            |                |
| Henderson, Theodore L.....  | 1886 | Lawyer.....      | Waxahachie.    |
| Henderson, Tom.....         | 1891 | Dept. Clerk....  | Austin.        |
| Henry, Robert L.....        | 1887 | Congressman...   | Waco.          |
| Hertzberg, Hans Reginald    | 1892 | Lawyer.....      | San Antonio.   |
| Rudolph.                    |      |                  |                |
| Hicks, Edwin Marshall ....  | 1888 | do .....         | San Antonio.   |
| Hicks, Richard Yale.....    | 1892 | do .....         | San Antonio.   |
| Hightower, Lewis Buckner..  | 1895 | do .....         | Conroe.        |
| Hilbrandt, Wm. Washington   | 1895 | do .....         | Dallas.        |
| Hill, Lucien A .....        | 1891 | do .....         | Austin.        |
| Hogg, Will C .....          | 1897 | do .....         | San Antonio.   |
| Holman, William Shields.... | 1893 | do .....         | La Grange.     |
| Hood, Richard Bartow.....   | 1892 | do .....         | Weatherford.   |
| Hopkins, Sam Houston.....   | 1892 | do .....         | Gonzales.      |
| Hough, Samuel .....         | 1887 | do .....         | Leakey.        |
| House, Julius Francis.....  | 1897 | do .....         | Dallas.        |
| Hovencamp, Thomas Dick....  | 1885 | do .....         | Birdville.     |
| Hubbard, Robert Moss.....   | 1897 | do .....         | New Boston.    |
| Hufford, George Benjamin..  | 1890 | do .....         | San Diego.     |
| Hull, Edwin Alonzo.....     | 1884 | do .....         | Carthage.      |
| Hunt, William Sperry.....   | 1894 | do .....         | Houston.       |
| †Ingraham, Francis La Fay-  | 1889 | .....            |                |
| ette.                       |      |                  |                |
| †Jack, J. W.....            | 1887 | .....            |                |
| Jackson, A. L.....          | 1888 | Lawyer.....      | Houston.       |
| Jester, Charles Lee.....    | 1893 | do .....         | Corsicana.     |
| Johnson, Claude Friend....  | 1895 | do .....         | Memphis, Mo.   |
| Johnson, Robert Lloyd.....  | 1889 | do .....         | Waco.          |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                             | Year | Occupation.        | Residence.     |
|-----------------------------------|------|--------------------|----------------|
| Jones, Frank Cameron.....         | 1896 | Lawyer.....        | Houston.       |
| Jones, James Slaughter.....       | 1897 | do.....            | Bastrop.       |
| Jones, J. W. ....                 | 1897 | do.....            | Nocona.        |
| Jones, William Dandridge..        | 1897 | do.....            | Gonzales.      |
| Jones, Wiley Carter.....          | 1893 | do.....            | Marlin.        |
| Kahn, Henry.....                  | 1897 | do.....            | Gainesville.   |
| Kassel, Charles.....              | 1897 | do.....            | Gainesville.   |
| Kearby, Jay Wells.....            | 1896 | do.....            | Dallas.        |
| Keeling, Walter Angus.....        | 1897 | do.....            | Kosse.         |
| Kemble, Edgar Poe.....            | 1889 | do.....            | Waxahachie.    |
| Kennedy, Osborne.....             | 1886 | do.....            | Groesbeek.     |
| Kerr, John Abness.....            | 1893 | do.....            | Flatonia.      |
| Kidd, Clarence Culwell.....       | 1891 | do.....            | St. Louis, Mo. |
| Killian, James Rumney.....        | 1893 | do.....            | San Marcos.    |
| Kimbrough, William Caleb..        | 1888 | do.....            | Dallas.        |
| Kimbrough, William H.....         | 1896 | Supt. Schools..    | Houston.       |
| Kirkpatrick, John Henry.....      | 1892 | Lawyer.....        | San Antonio.   |
| Knight, Robert E. Lee.....        | 1889 | do.....            | Dallas.        |
| Knight, Thomas Emmett....         | 1897 | do.....            | Wolfe City.    |
| Knight, William Yancey.....       | 1896 | do.....            | De Kalb.       |
| Kopperl, Moritz Allan.....        | 1896 | do.....            | Austin.        |
| Lackey, Samuel Cabell.....        | 1889 | County Attorney.   | Cuero.         |
| Lamkin, James Caldwell.....       | 1895 | Lawyer.....        | Hallettsville. |
| Lee, Tom J.....                   | 1894 | do.....            | Waco.          |
| Lemley, William Steele.....       | 1895 | do.....            | Temple.        |
| Letzerich, Charles Henry.....     | 1893 | do.....            | Brenham.       |
| Lewis, Howard Franklin.....       | 1892 | do.....            | Bonham.        |
| Lewis, Yancey.....                | 1885 | do.....            | Ardmore, I. T. |
| Lewright, James Bruce.....        | 1889 | do.....            | Chicago, Ill.  |
| Lightfoot, Robert Duncan..        | 1888 | do.....            | Paris.         |
| Llewellyn, Nathaniel Jones.       | 1893 | do.....            | Marlin.        |
| Lobban, Washington Patrick        | 1895 | do.....            | San Antonio.   |
| Lockett, Robert Rand.....         | 1889 | do.....            | Austin.        |
| Lockwood, John Steven.....        | 1894 | do.....            | San Antonio.   |
| Long, Parke Custis.....           | 1893 | do.....            | Commerce.      |
| Love, William Graston.....        | 1889 | do.....            | Houston.       |
| Lowrance, Fred Herndon....        | 1896 | State Land Office. | Austin.        |
| Mahan, John J.....                | 1889 | Lawyer.....        | Hempstead.     |
| Mann, Wirt.....                   | 1891 | do.....            | Dallas.        |
| †Martin, F. C.....                | 1888 | .....              | .....          |
| †Masterson, Branch Tanner,<br>Jr. | 1893 | .....              | .....          |
| Mathis, John William.....         | 1895 | Lawyer.....        | Denison.       |
| Maxwell, Jesse Wallace.....       | 1892 | do.....            | Austin.        |
| McClendon, James Wooten..         | 1897 | do.....            | Austin.        |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                        | Year | Occupation.       | Residence.     |
|------------------------------|------|-------------------|----------------|
| McConnell, H. G. ....        | 1886 | Lawyer.....       | Haskell.       |
| McCracken, Oscar Alpheus.    | 1893 | do .....          | Floresville.   |
| McCrary, Wilton Wade....     | 1897 | do .....          | Edna.          |
| McDade, Keet. ....           | 1896 | do .....          | Hempstead.     |
| McDonald, Wm. Lafayette.     | 1886 | do .....          | Dallas.        |
| McFall, David Alexander...   | 1891 | do .....          | Austin.        |
| McGown, William Carroll...   | 1889 | do .....          | El Paso.       |
| McKamy, William C. ....      | 1887 | Mem. 25th Leg..   | Dallas.        |
| McLean, John Hiram.....      | 1888 | Lawyer.....       | Llano. [D. C.  |
| McLean, McKensie Marvin      | 1890 | Clerk .....       | Washington,    |
| McLean, William Pinckney     | 1895 | County Attorney   | Mt. Pleasant.  |
| McMahon, James Brooks...     | 1890 | Lawyer.....       | Temple.        |
| McNutt, Joe Yell .....       | 1893 | do .....          | Franklin.      |
| Meacham, James McDonald      | 1896 | do .....          | Navasota.      |
| Middlebrook, Robert M. ....  | 1893 | do .....          | Columbus.      |
| Miller, Clarence H. ....     | 1886 | do .....          | Austin.        |
| Miller, Massie William ..... | 1890 | do .....          | Dallas.        |
| Mills, John Sloan .....      | 1897 | do .....          | Atlanta.       |
| Moore, A. E. ....            | 1886 | do .....          | Llano.         |
| Moore, Frank. ....           | 1890 | do .....          | Houston.       |
| Moore, Fred West.....        | 1890 | do .....          | Columbus, Mo.  |
| Moore, John Wright .....     | 1892 | do .....          | La Grange.     |
| Moore, Victor Cloud.....     | 1897 | do .....          | Austin.        |
| Moore, William Folsom ....   | 1892 | Mem. 25th Leg..   | Paris.         |
| Moore, William Longstreet.   | 1892 | County Survey'r.  | Marfa.         |
| Moore, W. W. ....            | 1888 | Lawyer.....       | Austin.        |
| Mounts, Providence.....      | 1893 | do .....          | Denton.        |
| Morin, John S. ....          | 1894 | do .....          | Brackettsville |
| Morris, Robert. ....         | 1897 | do .....          | McLeansboro,   |
| Morrison, Henry Oran ....    | 1897 | do .....          | Hico. [Ill.    |
| Moursund, Anton Norwall,     | 1897 | Stud. The U. of T | Austin.        |
| Munson, Joseph Waddy....     | 1888 | do .....          | Columbus.      |
| Munson, M. S. ....           | 1888 | do .....          | Angleton.      |
| Munson, Walter Bascom....    | 1888 | do .....          | Houston.       |
| †Moseley, W. E. ....         | 1885 | .....             | .....          |
| Myer, Sterling Nelson.....   | 1895 | Lawyer.....       | Houston.       |
| Myers, John Henry .....      | 1895 | do .....          | Hallettsville. |
| Neff, Pat Morris .....       | 1897 | do .....          | Waco.          |
| Nelms, Hayne.....            | 1894 | do .....          | Groveton.      |
| Newton, Francis Richards..   | 1897 | do .....          | San Antonio.   |
| Newton, Franklin McMillan    | 1886 | City Attorney..   | Greenville.    |
| Newton, Tompkins Jones..     | 1895 | Lawyer.....       | San Antonio.   |
| Neyland, William Anderson    | 1891 | do .....          | Livingston.    |
| Nichols, Joseph Francis....  | 1893 | do .....          | Greenville.    |
| †Nixon, Harrison Askey....   | 1889 | .....             | .....          |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                         | Year | Occupation.        | Residence.     |
|-------------------------------|------|--------------------|----------------|
| Nunn, William Henry.....      | 1894 | City Attorney..    | Taylor.        |
| O'Brien, George C.....        | 1886 | Lawyer.....        | Beaumont.      |
| Oeland, Isaac R.....          | 1887 | do .....           | Dallas.        |
| O'Keefe, John Arthur Patrick. | 1896 | do .....           | Honey Grove.   |
| O'Quinn, William Bolen....    | 1895 | Officer 25th Leg.. | Lufkin.        |
| Painter, James Harry .....    | 1897 | Lawyer.....        | Galveston.     |
| Parker, Alexander Jackson.    | 1892 | County Attorney,   | Karnes City.   |
| Parker, Edwin Brewington.     | 1889 | Lawyer.....        | Houston. [Y.   |
| Patrick, Albert T .....       | 1886 | do .....           | New York, N.   |
| Patterson, Burette Winston.   | 1893 | do .....           | Cisco.         |
| Patterson, John McQuesne..    | 1896 | do .....           | Houston.       |
| Peeler, Anderson James, Jr.   | 1885 | do .....           | Rockport.      |
| Pendleton, David Ramsey..     | 1890 | do .....           | Belton.        |
| Perry, Turner Howard.....     | 1889 | do .....           | Nacogdoches.   |
| Peticolas, Warner Marion..    | 1893 | do .....           | Victoria.      |
| Phelps, Edgar Sanford.....    | 1895 | do .....           | Houston.       |
| Pleasants, Robert Atkinson.   | 1884 | City Attorney..    | Cuero.         |
| Poer, J. M.....               | 1888 | Lawyer.....        | Belcherville.  |
| Pool, Robert Benjamin.....    | 1892 | do .....           | Cameron.       |
| Pope, G. E .....              | 1888 | County Attorney.   | Goliad.        |
| Porter, Eugene Eaton.....     | 1892 | Teacher .....      |                |
| Porter, Rufus Choate.....     | 1886 | Lawyer.....        | Dallas.        |
| Posey, Sidney Marks.....      | 1892 | do .....           | Austin.        |
| Powell, William Blount....    | 1888 | do .....           | Jasper.        |
| Proctor, Venable Bland....    | 1885 | do .....           | Cuero.         |
| Provine, Charles C.....       | 1893 | do .....           |                |
| Ragsdale, James William..     | 1892 | do .....           | Hallettsville. |
| Ragsdale, John Henry.....     | 1896 | do .....           | San Antonio.   |
| Randolph, Halbert Cyrus..     | 1885 | do .....           | Coleman.       |
| Rector, J. Bouldin.....       | 1895 | do .....           | Austin.        |
| Reeves, Robert.....           | 1892 | do .....           | Oletha.        |
| Render, Samuel Peyton.....    | 1896 | do .....           | Fort Worth.    |
| Rentfro, Robert Byron.....    | 1896 | do .....           | Brownsville.   |
| Rhea, Alec.....               | 1894 | do .....           | Dallas.        |
| Robertson, John Charles..     | 1894 | do .....           | Dallas.        |
| Robertson, William F.....     | 1886 | County Judge...    | Georgetown.    |
| Robinson, John David.....     | 1897 | Lawyer.....        | Belton.        |
| Ross, Shapley Prince.....     | 1890 |                    |                |
| Roy, R. E. Lee.....           | 1894 | Lawyer.....        | Fort Worth.    |
| Rucker, William Garland..     | 1887 | do .....           | Groesbeeck.    |
| Samuels, Sidney Lionel....    | 1890 | do .....           | Fort Worth.    |
| Saner, John C.....            | 1897 | Stud., The U. of T | Austin.        |
| Saner, Robert E. Lee.....     | 1896 | Lawyer.....        | Dallas.        |
| Sanford, Allan Douglass....   | 1893 | Ass't Co. Att'y..  | Waco.          |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                                | Year | Occupation.      | Residence.     |
|--------------------------------------|------|------------------|----------------|
| Sanford, John Richard.....           | 1895 | Dist. Attorney.. | Eagle Pass.    |
| Scarborough, George Moore...         | 1897 | Lawyer.....      | Waco.          |
| Schenck, Walter Francis...           | 1896 | do .....         | Meridian.      |
| †Schleicher, William Young           | 1893 | .....            | .....          |
| Schwartz, Sam.....                   | 1896 | Lawyer .....     | Hallettsville. |
| Scott, Edward Alexander...           | 1890 | Dist. Attorney.. | Navasota.      |
| Scott, Moran.....                    | 1885 | Postmaster ..... | Ardmore, I.T.  |
| Seale, John Harrison.....            | 1893 | Lawyer.....      | Marlin.        |
| Seeligson, Arthur William...         | 1890 | do .....         | San Antonio.   |
| Shapard, Robert Sumner...            | 1896 | do .....         | Greenville.    |
| Sharp, John Minor.....               | 1893 | do .....         | Cameron.       |
| Shaw, Charles Hammond...             | 1890 | do .....         | .....          |
| Shearon, Thomas .....                | 1887 | do .....         | Dallas.        |
| Shelley, George Elgin.....           | 1894 | do .....         | Austin.        |
| Sheppard, Morris.....                | 1897 | Student, Yale... | Pittsburg.     |
| Shipp, William Saunders...           | 1897 | Lawyer.....      | Belton.        |
| †Shirley, Zach Madison .....         | 1891 | .....            | .....          |
| Short, Howard Earle.....             | 1893 | City Attorney..  | Seguin.        |
| †Skeen, Eugene Oren .....            | 1891 | .....            | .....          |
| Simmons, David Edward...             | 1892 | Lawyer.....      | Sherman.       |
| Slator, Matthew Damon.....           | 1889 | do .....         | Ilano.         |
| Smith, Branch .....                  | 1897 | do .....         | Austin.        |
| Smith, Emmett Werter.....            | 1892 | do .....         | Nacogdoches.   |
| Smith, George Russell.....           | 1884 | do .....         | McKinney.      |
| †Smith, James Newton.....            | 1891 | .....            | .....          |
| Smith, James Young.....              | 1892 | .....            | Fort Worth.    |
| Smith, John W. B. ....               | 1894 | Lawyer.....      | Sherman.       |
| Smith, Leroy Albert.....             | 1891 | do .....         | Fort Worth.    |
| Smith, W. J. J. ....                 | 1887 | Dist. Judge..... | Dallas.        |
| Smith, Wiley McElroy.....            | 1885 | County Attorney  | Matador.       |
| Spencer, John Thomas.....            | 1895 | Lawyer.....      | .....          |
| Spivey, John Wesley.....             | 1896 | do .....         | Marlin.        |
| Stacy, William H.....                | 1896 | do .....         | Austin.        |
| †Stanniforth, Sidney Mans-<br>field. | 1884 | .....            | .....          |
| Stark, Victor Hoy.....               | 1896 | Lawyer.....      | Orange.        |
| Stephens, Isaac Newton...            | 1895 | do .....         | Round Rock.    |
| Stephens, Walter Oliver...           | 1895 | Teacher .....    | Waco.          |
| Sterne, Andrew Goodwin...            | 1889 | Lawyer.....      | .....          |
| Stone, John Stephen.....             | 1884 | do .....         | Paris.         |
| Stone, Thomas Hampton...             | 1896 | do .....         | Houston.       |
| Stoneham, Henry Bryant...            | 1887 | do .....         | Fort Worth.    |
| †Storts, C. C.....                   | 1886 | .....            | .....          |
| Stubblefield, John R.....            | 1894 | County Attorney  | Eastland.      |
| Supple, Charles Michael...           | 1889 | Lawyer.....      | Waxahachie.    |

GRADUATES OF THE UNIVERSITY—*continued.*

| Name.                       | Year | Occupation.      | Residence.     |
|-----------------------------|------|------------------|----------------|
| Terrell, John Lawrence....  | 1896 | Lawyer.....      | Fort Worth.    |
| Thomas, Benj. Claiborne...  | 1894 | do .....         | Ardmore, I.T.  |
| Thomas, Covey C.....        | 1896 | County Attorney  | Cotulla.       |
| Thomas, Cullen Fleming...   | 1891 | County Attorney  | Waco.          |
| Thomas, Marshall.....       | 1895 | Lawyer.....      | Dallas.        |
| Thompson, William.....      | 1887 | do .....         | Dallas.        |
| Thornton, Fitzhugh.....     | 1897 | do .....         | Austin.        |
| Tobin, John William.....    | 1897 | do .....         | Austin.        |
| Todd, Jefferson Davis.....  | 1896 | do .....         | Austin.        |
| Todd, Van Dyke.....         | 1892 | County Attorney  | Jefferson.     |
| Tolbert, Emory.....         | 1892 | Lawyer.....      | Sherman.       |
| Trulove, Otis.....          | 1897 | do .....         | Cleburne.      |
| Vanderberge, Joseph V....   | 1889 | Dist. Attorney.. | Victoria.      |
| Vaughan, Thomas J.....      | 1887 | Lawyer.....      | Paris.         |
| Vining, Will Lee.....       | 1884 | do .....         | Austin.        |
| Von Struve, H. C.....       | 1894 | Teacher.....     | Brenham.       |
| Walker, Alexander S.....    | 1886 | County Judge...  | Austin.        |
| Walker, Robert Clark.....   | 1884 | Lawyer.....      | Austin.        |
| Wallace, Eugene Aldrich...  | 1891 | City Attorney..  | Rockdale.      |
| Wear, William Clayton....   | 1885 | Lawyer.....      | Hillsboro.     |
| Weaver, Claude.....         | 1887 | do .....         | Pauls.         |
| West, Robert Edward.....    | 1892 | do .....         | Coryell.       |
| Wheeler, James Thomas....   | 1896 | do .....         | Davis, I. T.   |
| Whitaker, Jesse Averett ... | 1896 | do .....         | Galveston.     |
| †White, M.....              | 1888 |                  |                |
| Wilcox, F. E.....           | 1887 | Mem. 25th Leg..  | McKinney.      |
| Wilkinson, William Warren,  | 1893 | Lawyer.....      | Fort Worth.    |
| †Willett, Gilbert Bee.....  | 1884 |                  |                |
| Williams, John A.....       | 1887 | Lawyer.....      | Colfax, La.    |
| Williams, Ludwell Taylor..  | 1889 | do .....         | Waco.          |
| Williams, Newton Barbour,   | 1891 | do .....         | Waco.          |
| Williams, N. M.....         | 1887 | do .....         | Ardmore, I.T.  |
| Williamson, James Doughty   | 1894 | do .....         | Waco.          |
| Wilson, James Clifton.....  | 1896 | do .....         | Weatherford.   |
| Wilson, W. H.....           | 1888 | Dist. Judge..... | Houston.       |
| Wolf, Tom Morton.....       | 1896 | Lawyer.....      | Cameron.       |
| Woolworth, James G.....     | 1895 | do .....         | Carthage.      |
| Wurzbach, William August,   | 1890 | do .....         | San Antonio.   |
| Wynn, Thomas Carson.....    | 1885 | County Judge...  | San Angelo.    |
| Yeager, Millard Franklin..  | 1885 | Lawyer.....      | Wichita Falls. |
| Young, James.....           | 1891 | do .....         | Kaufman.       |

**DEPARTMENT OF MEDICINE.**



## **CALENDAR FOR EIGHTH ANNUAL SESSION.**

**1898-99.**

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Entrance examinations will be held in the College building daily during the last week in September, 1898, beginning at 10 a.m.

Opening Exercises..... Saturday, October 1, 1898.

Thanksgiving Day..... Thursday, November 24, 1898.

Christmas Holidays..... December 22, 1898—January 2, 1899.

Washington's Birthday ... February 22, 1899.

Texas Independence Day .. March 2, 1899.

San Jacinto Day..... April 21, 1899.

Final Examinations for

Graduating Classes begin, April 22, 1899.

Final Examinations for

Other Classes begin ..... April 29, 1899.

Graduating Exercises..... May 13, 1899.



# DEPARTMENT OF MEDICINE.

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## FACULTIES.

GEORGE TAYLOR WINSTON, A. M., LL. D., *President.*

### **The School of Medicine.**

JOHN FANNIN YOUNG PAINE, M. D.,  
*Professor of Obstetrics and Gynecology.*

EDWARD RANDALL, M. D.,  
*Professor of Materia Medica and Therapeutics.*

WILLIAM KEILLER, L. R. C. P. & S. (Ed.), F. R. C. S. (Ed.),  
*Professor of Anatomy.*

ALLEN J. SMITH, A. M., M. D.,  
*Professor of Pathology and Dean of the Faculty.*

JAMES EDWIN THOMPSON, M. B., B. S. (London); F. R. C. S.,  
(Eng.),  
*Professor of Surgery.*

SETH MABRY MORRIS, B. S., M. D.,  
*Professor of Chemistry and Toxicology.*

JAMES W. McLAUGHLIN, M. D.,  
*Professor of Medicine.*

WILLIAM S. CARTER, M. D.,  
*Professor of Physiology and Hygiene.*

HENRY PENDLETON COOKE, M. D.,  
*Professor of Pediatrics.*

GEORGE H. LEE, B. P., M. D.,  
*Professor of Dermatology.*

GEORGE P. HALL, A. M., M. D.,  
*Professor of Ophthalmology, Otolaryngology and Rhinology.*

EDWARD RANDALL, M. D.,  
*Lecturer on Physical Diagnosis.*

ALLEN J. SMITH, A. M., M. D.,  
*Lecturer on Mental and Nervous Diseases.*

R. WAVERLY SMITH, ESQ.,\*  
*Lecturer on Medical Jurisprudence.*

ISAAC M. CLINE, A. M., M. D., Ph. D.,  
*Lecturer on Climatology.*

RAOUL RENE DANIEL CLINE, A. M., Ph. G.,  
*Lecturer on Pharmacy.*

THOMAS FLAVIN, M. D.,  
*Demonstrator of Anatomy.*

JOHN THOMAS MOORE, A. M., M. D.,  
*Assistant Demonstrator of Anatomy.*

WILLIAM GAMMON, M. D.,  
*Demonstrator of Pathology.*

LOUIS EDMOND MAGNENAT, M. D.,  
*Demonstrator of General Biology, Normal Histology, and General Embryology.*

W. F. STARLEY, JR., M. D.,  
*Demonstrator of Obstetrics.*

THOMAS L. KENNEDY, M. D.,  
*Demonstrator of Gynecology.*

ROBERT L. MCMAHON, M. D.,  
*Demonstrator of Surgery.*

ADOLPH BERNHARD, B. S., Ph. D.,\*  
*Demonstrator of Chemistry and Botany.*

CONN L. MILBURN, Ph. G.,  
*Demonstrator of Chemistry and Botany.*

---

\* Resigned.

**The School of Pharmacy.**

EDWARD RANDALL, M. D.,  
*Professor of Materia Medica.*

SETH MABRY MORRIS, B. S., M. D.,  
*Professor of Chemistry and Toxicology.*

RAOUL RENE DANIEL CLINE, A. M., Ph. G.,  
*Professor of Pharmacy.*

CONN L. MILBURN, Ph. G.,  
*Demonstrator of Chemistry and Botany.*

---

HANNA KINDBOM.  
*Clinical Instructor in Nursing.*

JAMES POPE JOHNSON,  
*Provost Medical Department, Secretary of Faculty and Librarian.*

JOHN E. HOOPER,  
*Janitor and Engineer.*



## **SCHOOL OF MEDICINE.**

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### **CATALOGUE FOR THE SEVENTH ANNUAL SESSION.\***

**(1897-98.)**

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#### **HISTORICAL SKETCH.**

The first annual session of the Medical Department of The University of Texas began on October 1, 1891, and closed on April 22, 1892.

The seventh annual session opened on Friday, October 1, 1897, and will close with appropriate exercises on Saturday, May 14, 1898.

The eighth regular session will begin on Saturday, October 1, 1898, and continue until the middle of the following May.

The sixth was the last session opened to matriculates desiring to graduate under the present requirement of three annual sessions for completion of the course; four annual terms are required for graduation of all students now matriculating for the full course of instruction.

#### **BUILDINGS AND EQUIPMENT.**

The College Building, lately erected in the city of Galveston at great expense, occupies a block of ground situated

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\*The authorities reserve the right of addition to, subtraction from, or modification of the announcement of this Catalogue as they shall deem for the best interests of the School and the students.

upon Avenue B, between Ninth and Tenth Streets; and upon the contiguous block, between Eighth and Ninth Streets, is situated the John Sealy Hospital, the property of the State, and a part of the Medical Department of the University. The medical building is modern and imposing in architecture, and is large and commodious. It contains three large amphitheatres; anatomical, chemical, physiological, pathological, histological, and bacteriological laboratories; museums, library and reading room; faculty room, and officers' rooms; as well as the rooms occupied by the School of Pharmacy. The building is well lighted by windows on all sides, is fitted throughout with gas, and is heated by steam.

A new building, its cost approximating \$40,000, known as "University Hall," has been completed recently, through private benefaction, and is intended to serve as a dormitory for women students in this department. It is hoped that it will provide all the comforts and privacy of a home for women who matriculate in the medical department. The first floor is arranged as a large restaurant for the entire student body, men as well as women, and good board can be had there at a minimum cost; the living rooms for women are on the second and third floors.

The equipment of the various departments of the school, while necessarily as yet incomplete as compared with that of the highest grade of the older institutions, has been and is going on constantly and rapidly; and no efforts will be spared to place the school, its laboratories, museums, and library, upon the highest plane of working excellence. Decided progress in this direction has been made within the past year.

**HOSPITAL FACILITIES.**

During the past year there have been treated in the John Sealy Hospital 1329 patients, exclusive of a large number of outdoor patients who also furnish clinical material for the instruction of the class. The resources for illustration of medical ailments, surgical affections, and accidents and their management, are ample. Daily clinics are given throughout the entire course by members of the Faculty and by special lecturers. Much attention is devoted to bedside instruction, in which the students are required to accompany the teachers through the wards and practically acquire the methods of diagnosis and treatment.

The outdoor clinics, which during the past year comprised 2801 patients, have been organized so that each third-year student receives the benefit of a period of this clinical work, in its several departments—medicine, surgery, obstetrics and gynecology, and special diseases.

The wards of St. Mary's Infirmary, an excellent hospital under the care of the Sisters of the Incarnate Word, at Market and Eighth Streets, two blocks from the College, are also drawn upon for clinical subjects by those of its staff who are connected with this school.

**PLAN OF INSTRUCTION.**

The course of instruction, which is maintained at the highest standard, consists of a full series of systematic lectures from the following chairs: Anatomy, Physiology and Hygiene, Chemistry and Toxicology, Materia Medica and Therapeutics, Pathology, Practice of Medicine, Surgery, Obstetrics and Gynecology, Dermatology, and Dis-

eases of the Eye, Ear, Nose and Throat, together with the required and appropriate amount of demonstration and practical work. Special lectureships have been created on Physical Diagnosis, Diseases of the Mind and Nervous System, Medical Jurisprudence, and Climatology. All of these subjects are treated systematically, and, with the exception of the last two, also clinically. The third year medical students receive practical instruction in the Pharmaceutical Laboratory upon the principal methods of compounding medicines, as part of the course in Therapeutics.

The course of instruction begun in the fall of 1897 extends over four annual terms. The present second and third year classes, matriculating under the former three years system of instruction, will continue under the plan then outlined, with such minor modifications as may be deemed necessary for the interests of the classes and in order to successfully arrange for the change to a four years course. For the first mentioned of these classes, which alone will remain under the former system, during the ensuing term the following plan will be conducted under such conditions:

**THIRD YEAR.**—Systematic lectures upon (1) Therapeutics; (2) Practice of Medicine; (3) Surgery; (4) Obstetrics and Gynecology; (5) Special Pathology; (6) Hygiene; (7) Medical Jurisprudence; (8) Pediatrics; (9) Dermatology; (10) Mental and Nervous Diseases.

Practical work in (1) Gross Morbid Anatomy and Autopsies; (2) Operative Surgery; (3) Bacteriology; (4) Pharmacy.

Clinical lectures upon (1) Surgery; (2) General Medicine; (3) Obstetrics and Gynecology; (4) Mental and Nervous Diseases; (5) Diseases of the Skin; (6) Diseases of

Children; (7) Diseases of the Eye; (8) Diseases of the Ear, Nose and Throat.

The methods of instruction include systematic lectures, recitations, practical demonstrations, bedside clinics, clinical lectures, and surgical operations.

For the classes entering after May 15, 1897, the following curriculum has been adopted, subject to such changes as the adoption of a four years term of study may require.

**FIRST YEAR:** Systematic lectures upon (1) Anatomy; (2) General Biology; (3) Botany; (4) Physics and Inorganic Chemistry; (5) *Materia Medica*; (6) Elements of General Pathology and Aetiology, including Bacteriology and Helminthology; (7) Normal Histology; (8) General Embryology; (9) General Physiology and Physiology of Digestion and of the Blood.

Practical work in (1) Anatomy; (2) General Biology; (3) Botany; (4) Chemistry; (5) Normal Histology; (6) Embryology; (7) Physiological Chemistry and Demonstrations in Physiology.

**SECOND YEAR:** Systematic lectures upon (1) Anatomy; (2) Physiology of Metabolism, Circulation and Respiration, Excretion and Secretion, Muscular and Nervous Functions, Special Senses and Reproduction; (3) Organic and Medical Chemistry; (4) General Pathology; (5) Physical Diagnosis; (6) Physiology of Pregnancy and Normal Obstetrics; (7) Physiological Action of Drugs; (8) Bandaging and Minor Surgery.

Practical work in (1) Anatomy; (2) Physiology; (3) Chemistry; (4) Pathological Histology; (5) Physical Diagnosis.

Clinical lectures upon the Diagnosis of Pregnancy.

**THIRD YEAR:** Systematic lectures upon (1) Surgical and Medical Anatomy, and special Embryology; (2) Prac-

tice of Medicine; (3) Practice of Surgery; (4) Pathology of Obstetrics and its Mechanics; (5) Therapeutics; (6) Special Pathology of the Blood and General Diseases, Blood-making Organs, Circulatory Organs and Respiratory Organs; (7) Mental and Nervous Diseases; (8) Hygiene; (9) Diseases of the Skin; (10) Diseases of Children; (11) Diseases of the Eye; (12) Diseases of the Ear, Nose, and Throat; (13) Chemistry of Bacterial Products.

Practical work in (1) Pathological Histology; (2) Clinical Technology; (3) Pharmacy.

Clinical lectures upon (1) General Surgery; (2) General Medicine; (3) Obstetrics; (4) Cases of Obstetrics.

FOURTH YEAR: Systematic lectures in (1) Practice of Medicine; (2) Practice of Surgery; (3) Surgery of Obstetrics; Gynecology; (4) Special Pathology of digestive organs, genito-urinary organs, muscular apparatus, nervous system, skin and osseous system; (5) Mental and Nervous Diseases; (6) Diseases of the Skin; (7) Diseases of Children; (8) Diseases of the Eye; (9) Diseases of the Ear, Nose, and Throat; (10) Medical Jurisprudence; (11) Climatology; (12) Dietetics.

Practical work in (1) Operative Surgery; (2) Gross Morbid Anatomy and Autopsy Making; (3) Bacteriology.

Clinical lectures on Medicine, Surgery, Gynecology, Mental and Nervous Diseases, Diseases of the Skin, Diseases of Children, Diseases of the Eye, Diseases of the Ear, Nose, and Throat.

#### **REQUIREMENTS FOR ADMISSION.**

Men and women are admitted to the Department of Medicine under equal conditions.

Candidates for admission are required:

1. To be at least 17 years of age. Applicants for admission who have not attained 21 years of age will be required to exhibit written evidence from parent or guardian that permission from such responsible person has been granted to matriculate.

2. To present evidence of moral character and fitness for the profession of medicine, signed by at least two reputable and responsible persons, preferably members of the medical profession.

3. To pass an entrance examination upon the following subjects (the minimum entrance examination of the Department of Literature, Science and Arts of this University):

a. English: Orthography, grammar, rhetoric and composition. Proficiency will be determined by a short essay written at the time of examination, upon some subject assigned.

b. Mathematics: Arithmetic, algebra through quadratic equations, plane geometry.

c. General History: As indicative of the scope of this portion of the examination, it is suggested that the candidate be prepared upon the matter presented in Myers' *Outlines of General History*.

The following persons will be admitted without entrance examinations:

1. Persons holding first-grade teachers' certificates from the Texas public school system.

2. Graduates from the Sam Houston Normal School.

3. Students and graduates from the Texas Agricultural and Mechanical College.

4. Graduates and students from other approved colleges and universities.

5. Students of other departments of this University.

6. Graduates of approved high schools, academies and normal schools.

7. Special students.

Students who have attended two courses in a regular medical college are admitted to the graduating year of the three-years course on passing satisfactory examinations on General Anatomy, General and Medical Chemistry, Materia Medica, Physiology, Normal Histology, General Pathology, Normal Obstetrics, Bandaging, Practice of Medicine and Practice of Surgery.

Students seeking advanced standing in the four years course will be required to pass satisfactory examinations on all subjects covered in previous sessions by the class as above outlined.

Graduates from reputable medical schools desiring to obtain the medical degree from the University of Texas are admitted to the graduating class only after passing examinations covering the requirements of the lower grades; no examination, however, is required where it is not the intention of such graduates of other schools to compete for the degree. Candidates for advanced standing will be required to attain a percentage grade of 75 in all above-mentioned examinations.

Special students over 21 years of age may be admitted to any of the fundamental courses without previous examination; but such admission to these special studies shall not be regarded as in any manner exempting the individual from any of the requirements of admission or promotion in the regular course, should this be subsequently undertaken. Special students will not be admitted to any of the advanced branches of the curriculum unless they be graduates from a reputable medical college.

Special students will be required to matriculate as such

before beginning their studies, and will be provided with special matriculation cards indicating the branches elected.

Special students will not be examined upon the subjects pursued, and no credit will be allowed upon such studies in a subsequent regular course of medicine save for attendance.

The method of grading is in most respects identical with that in use in the Department of Literature, Science, and Arts of this University.

Frequent examinations and recitations are held during the term by each Professor upon the subject matter embraced in his course. At the end of the session the average result constitutes the student's term grade. A general examination is also held by each Professor in all his classes at the close of the term, upon the matter taught during the session, and the mark obtained by each student is known as his final examination mark.

There are but two grades, designated respectively "satisfactory" for those who pass, and "unsatisfactory" for those who fail. The grade "satisfactory" is equivalent to a percentage mark of 60 or over; the grade "unsatisfactory" to any percentage mark less than 60.

A student whose grades for the term and final examination are satisfactory will be allowed to pass to the next class or to graduation.

A student whose grade for the term is satisfactory, but whose final examination grade is unsatisfactory, will be conditioned.

A student whose grade for the term is unsatisfactory will be conditioned, unless the final examination mark is 75 per cent or more.

A student who has been conditioned in any branch must pass satisfactorily an examination upon that subject within

one month after the beginning of the next session, or after the re-entrance of the student into the school. To satisfy this condition, a percentage grade of at least 75 must be attained.

Applicants for graduation must be 21, or more, years of age, and must present sufficient evidence of a good moral character. They must pass satisfactorily both oral and written examinations upon the following subjects of the third year course: (1) Practice of medicine, and its branches; (2) Materia Medica and Therapeutics; (3) Surgery and its branches; (4) Obstetrics and Gynecology; (5) Hygiene; (6) Pathology.

No thesis will be required.

After having received notice of having successfully passed the examinations of the final term, the student must enter his name on the register of candidates for graduation for the degree of Doctor of Medicine. Candidates for graduation must be present and take part in the graduating exercises, unless excused.

#### **DEPARTMENTS OF INSTRUCTION.**

##### **Anatomy.**

PROFESSOR WILLIAM KEILLER, F. R. C. S., (ED.).

THOMAS FLAVIN, M. D., DEMONSTRATOR.

JOHN T. MOORE, A. M., M. D., ASSISTANT DEMONSTRATOR.

The anatomical course is as practical as it can be made, students dissecting from eight to twelve hours weekly under the constant supervision of the Professor and Demonstrators.

The first year's course includes the whole range of human osteology and arthrology, the entire anatomy of

the extremities, and lectures introductory to the respiratory and digestive organs.

The second year's course includes the anatomy of the trunk, brain, eye, ear, and special embryology. Surface anatomy is a prominent feature in the examinations. Before entering the second year every student must pass an examination on the first year's work. The whole course is essentially a practical one, supplemented by lectures where necessary.

In the third year of a four-years course lectures and possibly dissections on surgical and medical anatomy will be conducted.

### **Physiology and Hygiene.**

PROFESSOR WILLIM S. CARTER, M. D.

The course in Physiology consists of one lecture a week during the second half of the first year, and three lectures a week throughout the second year.

The course in the first year includes general physiology, the physiology of digestion and of the blood. The students are required to work two hours a week in practical laboratory examinations of the general characteristics and chemical properties of food stuffs, the chemistry of digestion and of the blood.

In the second year the lectures are upon the circulation, respiration, nutrition, animal heat, secretion, excretion, nerve-muscle physiology, the physiology of the central nervous system and special senses, and of reproduction. Two hours a week are spent in the laboratory, where the subject-matter of the lectures is demonstrated by practical experiments.

The Physiological Laboratory, under the supervision of the Professor of Physiology, is equipped with the necessary apparatus likely to be used by the practical physiologist.

Review examinations are held by the Professor on the ground covered in the lectures.

Facilities are also given to advanced students and graduates desirous of making special studies in physiology or original investigations on the physiological action of drugs. These will be made under the direct supervision of the Professor of the department.

A course of lectures upon Hygiene is delivered during the session to the third-year students by the Professor of Physiology.

### **Chemistry.**

PROFESSOR SETH M. MORRIS, B. S., M. D.

CONN L. MILBURN, PH. G., DEMONSTRATOR.

The instruction in this department extends through the first and second years, and is both by lectures and practical demonstrations.

The theoretical teaching of the first year consists of three lectures a week throughout the term, two upon Inorganic Chemistry, and one upon Elementary Physics, and is supplemented by four hours of practical laboratory work a week in Inorganic Chemistry.

Students in the second year receive two lectures a week upon Organic and Medical Chemistry, and work four hours a week in the laboratory in Physiological and Pathological Chemistry and in Toxicology. This course is thorough and systematic, and includes the study of the fats, proteids, and carbo-hydrates; qualitative and, as far as practicable, quan-

titative, analyses of the urine, the digestive juices, milk and potable waters; and tests for the metallic and non metallic poisons.

All laboratory work is under the direction of the Professor. This department is equipped with the newest and most improved apparatus for both lecture room and laboratory teaching.

### **Obstetrics and Gynecology.**

PROFESSOR J. F. Y. PAINE, M. D.

W. F. STARLEY, JR., M. D., DEMONSTRATOR OF OBSTETRICS.

T. L. KENNEDY, M. D., DEMONSTRATOR OF GYNECOLOGY.

The course in obstetrics consists of lectures on the signs and diseases of pregnancy, diagnosis of presentations and positions, and the management of the pregnant and puerperal states. The mechanism and practical management of natural and preternatural labors are demonstrated on appropriate manikins. Only second and third year students are admitted to this course, to whom labor cases are assigned in rotation.

In the four-year plan of instruction the second-year class will receive instruction in Normal Obstetrics, which includes the signs and symptoms of pregnancy, the physiology of pregnancy, normal labor, mechanism and physiology of normal labor, and the management of the puerperium and the care of the newly-born infant.

Gynecology is presented in its systematic, clinical and demonstrative phases. Diagnosis by digital touch, speculum, probe, conjoined manipulation, and other methods, is taught, and opportunity afforded students to practice these manipulations. The most approved plan of treating uterine diseases and displacements are exhibited, and their

relative merits discussed before the class. Frequent ward class demonstrations are given the advanced students, small sections of the class being permitted in the wards at one time, thus insuring personal instruction. Only third-year students are admitted to this course, and they act as assistants in the various gynecological operations which are performed Tuesdays, Fridays and Saturdays in the amphitheatre of the John Sealy Hospital.

#### **Practice of Medicine.**

PROFESSOR J. W. McLAUGHLIN, M. D.

In this department there are three lectures a week during the term. Students of the second and third years are expected to read the text-books and stand systematic examinations upon the subjects embraced in the course. Clinical instruction is given daily throughout the session, except Sundays. Students have abundant opportunities of becoming practically familiar with the details in the diagnosis and treatment of diseases. Special attention is given to those prevalent in a Southern climate.

#### **Surgery.**

PROFESSOR J. E. THOMPSON, F. R. C. S. (Eng.).

R. L. McMAHON, M. D., DEMONSTRATOR.

The course of Surgery consists of:

1. Clinical Lectures to ward classes consisting of small sections of the advanced students.—These will be held by the bedside every morning in the week except Sunday.
2. Operative Clinics.—These will be held every Monday and Thursday morning during the session in the amphi-

theatre of the hospital. These courses aim as much as possible at giving each student a practical knowledge of this branch. He will be instructed in case taking, and as far as convenient will be expected to personally examine each patient.

3. Systematic Lectures.—These will be held on the afternoons of Tuesday, Thursday, and Friday, and will cover as far as possible the whole subject of systematic surgery.

4. A course of practical instruction in surgical operations.—This course will cover all the typical operations (e. g., amputations, excisions, and ligature of arteries), and also many of the atypical.

5. A course in Bandaging and Minor Surgery.—This course, which is for the second-year students, will include bandaging, treatment of fractures, and the more important points of minor surgery.

#### **Materia Medica and Therapeutics.**

PROFESSOR EDWARD RANDALL, M. D.

One lecture a week is given in this department to the first-year class upon *Materia Medica*; and two lectures a week are devoted to the Physiological Action of Drugs and Therapeutics before the second and third-year classes. During the third term students are required to study practically the preparation of the common types of medicines and pharmaceutical manufactures, as well as the compounding of mixtures in the pharmaceutical laboratory under the Professor of Pharmacy. The laboratory contains a complete cabinet of *Materia Medica*, and active principles for study by each student as the articles are taken up by the Professor during the term.

To the students of the fourth term, there will be presented from this chair a series of systematic lectures upon the principles and application of dietetics.

Frequent intermediate examinations are held, upon which the students are graded.

### **Pathology.**

PROFESSOR A. J. SMITH, A. M., M. D.

WILLIAM GAMMON, M. D., DEMONSTRATOR OF PATHOLOGY.

L. E. MAGNENAT, M. D., DEMONSTRATOR OF NORMAL HISTOLOGY, GENERAL BIOLOGY, AND EMBRYOLOGY.

The course in the Pathological department extends over the entire three years, and includes lectures, demonstrations, and laboratory instruction upon the subjects of this department.

The lectures of the first year are devoted to the elements of pathology, especially including the subjects of the classification and causes of diseases. Systematic consideration of bacteriology and of animal parasites is included in this course.

During the first year, also, the studies of Normal Histology, General Biology, and Embryology are conducted in this department, the instruction consisting of lectures and demonstrations, and of the personal preparation and examination of microscopic specimens by the class.

In the second year the lectures cover the subjects usually included under the term General Pathological Anatomy, the elementary pathological processes, and those of inflammation and regeneration, of tumor formation, of the infectious granulomata, and teratology. In the laboratory the clinical uses of the microscope as applied to the blood

and various excretory substances of the body are demonstrated at length, opportunity for personal practice being urged upon each student. After the beginning of the year the preparation and study of pathological tissues occupy the time for the remainder of the session.

During the third year the application of pathological study to the individual organs, with special reference to the pathological physiology of each and the development of symptoms, is taken up at length in the systematic lectures. This course is continued through the fourth term in the four-years course of study.

Throughout the year laboratory exercises in the microscopic study of Pathological Anatomy are offered to the class; and demonstrations and practical work in the performance of post mortem examinations constitute a feature of the plan of instruction.

One hour a week during the term is devoted to practical work in bacteriology, the culture of bacteria, methods of demonstration of bacteria, the study of the specific properties of bacteria by inoculation, etc.

Throughout the course the laboratories and equipments are available without further expenditure to such students as may desire to prosecute special lines of study or investigation, the department being anxious to foster any such tendencies on the part of the students of the school. Especial mention should be made of the Pathological Museum, which has been started with the idea of creating a large collection of gross specimens of pathological interest for the use of the class. This collection is in charge of the Professor of Pathology; the specimens are kept in spirits, in clean, well labeled jars; and a record of their clinical history, as well as their description, is kept in a specially prepared catalogue, for reference by the students and pro-

fession at large. Contributions to this museum are solicited from the physicians of the State, the Professor of Pathology making himself responsible for their care and proper description in the museum catalogue. Due credit will always be made upon the labels and in the museum catalogue for any contributions.

### **Diseases of Children.**

PROFESSOR H. P. COOKE, M. D.

Two lectures a week throughout the term are devoted to the consideration of diseases incident or peculiar to infancy and childhood. A number of these lectures are didactic, as demanded by a systematic discussion of the anatomy, physiology, pathology, and hygiene of this period of life; but the teaching is chiefly clinical, and illustrated by cases drawn from the Children's Ward and the Outdoor Department of the John Sealy Hospital.

### **Dermatology.**

PROFESSOR GEORGE H. LEE, M. D.

The importance to the student of obtaining a thorough knowledge of skin diseases can hardly be overestimated. The frequency with which they are encountered in general practice, and the intimate relations they sustain to diseases of other organs, make the study both important and interesting. It is the aim of the lecturer to eliminate as far as possible the unwieldy and confusing nomenclature used by many writers, and at the same time to systematize the subject, in order that it may be made more practical and easy of comprehension. Special attention is also given to the

pathology of the elementary lesions of the skin as an aid to diagnosis and treatment. Two lectures a week before the third and fourth-year classes are devoted to this subject throughout the term; and in the outdoor clinics practical instruction is given the various sections three times a week.

### **Ophthalmology, Otology, and Laryngology.**

PROFESSOR GEORGE P. HALL, A. M., M. D.

Three hours a week are spent in this department, devoted largely to clinical work with especial reference to the methods of diagnosis and treatment.

Students are given practical instruction, in a specially-constructed dark room, in the uses of the ophthalmoscope, otoscope, etc., and have every opportunity to handle the necessary instruments.

Interesting surgical operations are performed before the class, and especial attention is given to the detection and correction of errors of refraction.

### **SPECIAL LECTURES.**

#### **Physical Diagnosis.**

PROFESSOR EDWARD RANDALL, M. D., LECTURER.

One lecture a week is delivered throughout the term upon this subject, the object of the lectures being to ground the student in the normal physical signs of the human body as well as to explain and illustrate the various alterations in and additions to these signs produced by disease. The class being divided into appropriate sections,

practical work in this subject is afforded the individual student. Thus is formed a basis for more intelligent appreciation of the clinical teachings in medicine.

**Mental and Nervous Diseases.**

PROFESSOR ALLEN J. SMITH, M. D., LECTURER.

One clinical lecture a week is devoted to these subjects at the John Sealy Hospital before the graduating class. In addition, a course of lectures, in which the subjects are systematically treated, is given to the third and fourth-year classes.

**Medical Jurisprudence.**

\*R. WAVERLY SMITH, LECTURER.

Instruction by lectures given once a week during the third year.

The course at present attempts to cover the subjects generally—relation of physician to patient, medico-legal inspection, violent death, abortion, criminal and civil malpractice, personal identity, life insurance, malingering, poisons, and insanity are fully treated, with special attention given to medico-legal inspections, malpractice, insurance and insanity.

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\* Resigned. The course has been carried out during the term of 1897-8 by Dr. Allen J. Smith.

**Medical Climatology.**

ISAAC M. CLINE, M. A., M. D., PH. D., LECTURER.

In this course instruction is given by systematic lectures, weekly, during the term, to the third-year students.

Every practitioner will be better qualified to accomplish the important work devolving upon the profession by acquiring a knowledge of the varying conditions and the many changes which take place in the atmosphere, which make climate so different in various localities in its relations to pathology.

The course of lectures embraces briefly a description of instruments and methods used in determining climatic conditions and changes; the origin of the atmosphere, its evolution, composition, and offices, together with its extent and spherical arrangement; the control of atmospheric temperatures—radiation, insolation, absorption, transmission, conduction, and reflection, with particular reference to the manner in which local conditions influence these in making differences in climate; the distribution of temperatures over land and water; the pressure and general wind movements and the ways in which they influence general and local climate; the moisture of the atmosphere, absolute and relative humidity, and sensible temperature of the atmosphere; clouds and sunshine and their distribution; the causes of distribution of precipitation; weather and the control of weather changes, with generalizations as to weather forecasting. Then is taken up the manner in which weather changes and different conditions of climate influence the physiological functions of different organs of the body; the divisions of climates based upon these effects into "low, damp, warm climate," "low, damp, cold climate," "high,

dry, climate," and intermediate grades; the mineral springs; topographic features and distribution of climate in the United States; and the relation of climate to pathology and its influence in the distribution of the more important classes of diseases.

Charts and diagrams are used where practicable to illustrate the more important features of the lectures.

### **LIBRARY AND READING ROOM.**

Through the generosity of a number of physicians there were originally collected as the nucleus of a library about five hundred volumes of medical works of various kinds. This nucleus is being rapidly developed into a library sufficient for the working requirements of the school, over twenty-six hundred volumes being now upon the shelves. A number of works of reference upon special subjects have been added during the past year, and through special appropriations it is expected that the library will be placed in a proper condition in the near future.

The reading room of the Medical Department has been created largely through the active interest of the Galveston County Medical Society. There are received regularly a large number of medical periodicals, including the greater proportion of the better American medical journals. It is the purpose of the authorities to place these periodicals in the library in bound form from year to year, as works of reference.

The library and reading room are open during the usual working hours, both to students and the profession generally, under proper restrictions.

**MUSEUMS.**

The general museum of the Medical Department contains a number of well selected anatomical, dermatological, and embryological models. In it is exhibited a series of obstetrical and gynecological models and specimens. It is under the special charge of a curator, and additions are being made from time to time.

Besides the general museum, there are special collections in connection with the anatomical, therapeutic, and pathological departments. These collections, to which special attention is given because of the demand for them in laboratory and lecture illustration, are rapidly growing, and include a large number of valuable, unique, and typical preparations. The attention of the profession throughout the State is particularly called to the desirability of properly preserving any rare or excellent specimens of professional interest; and it is urged that such specimens be transmitted to the school for deposit in an appropriate collection. The officers of the school will properly preserve and classify such contributions, giving credit on the label and in the museum catalogue to the donor.



## JOHN SEALY HOSPITAL.

### Board of Managers.

**T. C. Thompson, M. D., President,**      **C. Campbell, M. D.,**  
**George Sealy,      J. D. Skinner,**      **D. S. Davison.**

### Visiting Staff

|                                |                                   |
|--------------------------------|-----------------------------------|
| Physician .....                | Prof. J. W. McLaughlin.           |
| Surgeon .....                  | Prof. J. E. Thompson, F. R. C. S. |
|                                | (Eng.)                            |
| Obstetrician and Gynecologist. | Prof. J. F. Y. Paine, M. D.       |
| Pediatricist .....             | Prof. H. P. Cooke, M. D.          |
| Neurologist .....              | Prof. Allen J. Smith, M. D.       |
| Ophthalmologist ..             | Prof. G. P. Hall, M. D.           |
| Laryngologist and Aurist.....  | Prof. G. P. Hall, M. D.           |
| Dermatologist .....            | Prof. George H. Lee, M. D.        |
| Pathologist .....              | Prof. Allen J. Smith, M. D.       |

**House Surgeon.**

W. F. Starley, M. D.

### Resident Staff

F. F. Tucker, M. D.\*      W. C. Swain, M. D.  
E. L. Batts, M. D.      W. H. Moses, M. D.  
E. L. Newsom, M. D.

### Clinical Staff

Chief of Surgical Clinic.....R. L. McMahon, M. D.  
Chief of Gynecological and Ob-  
stetric Clinic.....Thomas L. Kennedy, M. D.  
Chief of Medical and Nervous  
Clinic.....W. F. Starley, M. D.

**\*Resigned.**

**Apothecary.****Felix Miller.****Superintendent of Training School for Nurses.****Miss Hauna Kindbom.**

"It being represented to the citizens of Galveston and to the people of the State of Texas, that John Sealy, late of the city of Galveston, departed this life in the month of August, 1884, inspired with a generous and philanthropic motive, and possessed of a large real and personal estate, of which by his bequest he devoted \$75,000 to the establishment of a hospital in said city, naming for that purpose the city council of the city of Galveston and the Regents of the University of Texas, jointly, for and in behalf of the Medical Department of said University, to manage and conduct the same for the reception and relief of sick and diseased persons; the property of said hospital shall be exempt from taxation, and shall be entitled to the benefit and provisions of the law relative to charitable institutions.

"The Regents may take and hold any additional donations, grants, devises, and bequests in further support of or addition to said hospital.

"The direction, ownership, and disposition of said hospital shall be vested in said Regents and their successors, for the object and purposes heretofore set forth, and pursuant to the wishes and directions of the last will and testament of its founder aforesaid."

John Sealy Hospital occupies a block of ground between Eighth and Ninth streets, and between avenues A and B, contiguous to that occupied by the College building.

There are eight wards, besides a number of private rooms and rooms for officials.

The main hospital building is heated by hot water and lighted by electric light; the wing containing the colored wards, the children's ward, and the quarters of the Training School for Nurses being heated by stoves and lighted by gas. The wards and rooms are large and airy, built with special reference to the comfort of the sick in the prevailing warm seasons of this climate.

A large hall, occupying the upper floor of the main building, is used at present as an operating and clinical hall, until a special clinical and operative building be provided.

The staff of the Hospital is composed of members of the Faculty and other teachers in the Medical School, and the resident physicians are chosen annually from the graduating class of that school. The nursing is performed by students of the School of Nursing.

The following detailed report of the number of patients treated in the John Sealy Hospital from January 1, 1897, to January 1, 1898, is appended with a view of showing the excellent clinical facilities of the School. The floating character of the population drawn upon to fill the wards assures the fullest clinical opportunities, and the large shipping and railroad interests of Galveston amply provide the students with the advantages of witnessing recent surgical affections.

## STATEMENT OF MEDICAL WARDS.

| Diagnosis.                              | Total number. | Cured. | Improved. | Not improved. | Died. | Not treated. |
|-----------------------------------------|---------------|--------|-----------|---------------|-------|--------------|
| <b>MEDICAL CASES.</b>                   |               |        |           |               |       |              |
| Addison's disease .....                 | 1             |        |           |               | 1     |              |
| Alcoholism, acute .....                 | 23            | 23     |           |               |       |              |
| Anaemia, pernicious .....               | 1             |        | 1         |               |       |              |
| Aneurism, aortic .....                  | 1             |        |           |               | 1     |              |
| Aneurism, innominate .....              | 1             |        |           | 1             |       |              |
| Angina pectoris .....                   | 1             | 1      |           |               |       |              |
| Asthma .....                            | 2             |        | 2         |               |       |              |
| Bronchitis, acute .....                 | 4             | 3      | 1         |               |       |              |
| Bronchitis, chronic .....               | 5             |        | 5         |               |       |              |
| Cardiac diseases:                       |               |        |           |               |       |              |
| Aortic regurgitation .....              | 7             |        | 4         |               | 3     |              |
| Aortic stenosis .....                   | 1             |        |           |               | 1     |              |
| Mitral regurgitation .....              | 15            |        | 13        | 2             |       |              |
| Mitral stenosis .....                   | 1             |        | 1         |               |       |              |
| Mitral and aortic regurgitation .....   | 3             |        | 2         |               | 1     |              |
| Cholera Nostras .....                   | 1             | 1      |           |               |       |              |
| Constipation, acute .....               | 6             | 6      |           |               |       |              |
| Constipation, chronic .....             | 1             | 1      |           |               |       |              |
| Dengue .....                            | 87            | 87     |           |               |       |              |
| Diarrhoea, acute .....                  | 2             | 2      |           |               |       |              |
| Dysentery, acute catarrhal .....        | 17            | 17     |           |               |       |              |
| Dysentery, amoebic .....                | 9             | 4      | 4         |               | 1     |              |
| Dysentery, chronic .....                | 4             |        | 3         |               | 1     |              |
| Enteritis, acute .....                  | 3             | 3      |           |               |       |              |
| Enteritis, chronic tubercular .....     | 2             |        |           |               | 2     |              |
| Emphysema .....                         | 1             |        |           |               | 1     |              |
| Fever, malarial .....                   | 62            | 62     |           |               |       |              |
| Fever, typhoid .....                    | 17            | 16     |           |               | 1     |              |
| Fever, typhoid followed by dengue ..... | 2             | 2      |           |               |       |              |
| Fever, pernicious malarial .....        | 3             | 3      |           |               |       |              |
| Gastritis, acute .....                  | 41            | 34     | 3         |               |       | 4            |
| Gastritis, chronic .....                | 23            | 3      | 19        |               |       | 1            |
| Gastro-enteritis, acute .....           | 12            | 11     |           |               | 1     |              |
| Gastro-enteritis, chronic .....         | 8             | 1      | 5         |               |       | 2            |
| Gout .....                              | 1             |        | 1         |               |       |              |
| Inanition, senile .....                 | 5             |        | 2         | 1             | 2     |              |
| Jaundice, acute catarrhal .....         | 6             | 5      |           |               |       | 1            |
| La Grippe .....                         | 36            | 35     |           |               |       | 1            |
| Liver, cirrhosis of .....               | 4             |        | 2         |               | 2     |              |
| Malarial cachexia .....                 | 4             | 2      | 2         |               |       |              |
| Meningitis, spinal .....                | 1             |        |           |               | 1     |              |
| Nephritis, acute .....                  | 8             | 2      | 1         |               | 5     |              |
| Nephritis, chronic .....                | 36            |        | 20        | 1             | 14    | 1            |
| Pleuritis with effusion, chronic .....  | 2             | 1      | 1         |               |       |              |
| Pneumonia, acute catarrhal .....        | 1             | 1      |           |               |       |              |
| Pneumonia, croupous .....               | 2             | 2      |           |               |       |              |
| Poisoning, acute opium .....            | 8             | 5      |           |               | 3     |              |
| Rheumatism, acute .....                 | 18            | 18     |           |               |       |              |
| Rheumatism, chronic .....               | 18            | 1      | 16        | 1             |       |              |
| Scorbutus .....                         | 1             |        | 1         |               |       |              |
| Stomach, ulcer of .....                 | 1             |        |           |               | 1     |              |
| Tuberculosis, pulmonary .....           | 40            |        | 24        | 7             | 9     |              |
| Total .....                             | 559           | 352    | 133       | 13            | 51    | 10           |

## STATEMENT OF MEDICAL WARDS—continued.

| Diagnosis.                               | Total number. | Cured. | Improved. | Not improved. | Died. | Not treated. |
|------------------------------------------|---------------|--------|-----------|---------------|-------|--------------|
| <b>NERVOUS CASES.</b>                    |               |        |           |               |       |              |
| Apoplexy .....                           | 3             |        |           | 2             | 1     |              |
| Delirium tremens.....                    | 11            | 7      | 3         |               |       | 1            |
| Dementia, paretic.....                   | 1             |        |           | 1             |       |              |
| Dipsomania .....                         | 1             |        | 1         |               |       |              |
| Embolism cerebral.....                   | 1             |        |           |               | 1     |              |
| Epilepsy.....                            | 13            |        | 11        | 2             |       |              |
| Epilepsy, alcoholic.....                 | 1             | 1      |           |               |       |              |
| Gastrodynia, neurotica .....             | 1             |        | 1         |               |       |              |
| Hemiplegia.....                          | 1             |        | 1         |               |       |              |
| Mania, acute .....                       | 3             | 1      | 2         |               |       |              |
| Melancholia .....                        | 1             |        |           | 1             |       |              |
| Morphinomania .....                      | 2             |        |           | 2             |       |              |
| Myelitis, transverse .....               | 1             |        |           |               | 1     |              |
| Neurasthenia .....                       | 2             | 1      |           | 1             |       |              |
| Neuritis .....                           | 8             | 3      | 4         | 1             |       |              |
| Paralysis.....                           | 2             |        | 1         |               | 1     |              |
| Paralysis, agitans.....                  | 1             |        |           |               | 1     |              |
| Paraplegia .....                         | 2             |        | 1         |               | 1     |              |
| Paraplegia, spastic .....                | 1             |        |           |               | 1     |              |
| Sciatica.....                            | 5             |        | 5         |               |       |              |
| Sclerosis, multiple cerebro-spinal ..... | 1             |        | 1         |               |       |              |
| Sclerosis, posterior spinal .....        | 2             |        | 2         |               |       |              |
| Sunstroke .....                          | 2             |        |           |               | 2     |              |
| Total.....                               | 66            | 13     | 33        | 10            | 9     | 1            |
| <b>SKIN CASES.</b>                       |               |        |           |               |       |              |
| Eczema .....                             | 7             | 2      | 5         |               |       |              |
| Herpes Zoster.....                       | 1             | 1      |           |               |       |              |
| Impetigo contagiosa.....                 | 3             | 3      |           |               |       |              |
| Scabies .....                            | 1             | 1      |           |               |       |              |
| Tinea sycosis.....                       | 1             | 1      |           |               |       |              |
| Total.....                               | 13            | 8      | 5         |               |       |              |
| Total in medical wards .....             | 638           | 373    | 171       | 23            | 60    | 11           |

## STATEMENT OF SURGICAL WARDS.

| Diagnosis.                                 | Total number. | Cured. | Improved. | Not improved. | Died. | Not treated. |
|--------------------------------------------|---------------|--------|-----------|---------------|-------|--------------|
| SURGICAL CASES.                            |               |        |           |               |       |              |
| Abscess.....                               | 14            | 12     |           |               |       | 2            |
| Abscess, hepatic.....                      | 1             |        |           |               | 1     |              |
| Abscess, iliac.....                        | 1             | 1      |           |               |       |              |
| Abscess, ischio-rectal.....                | 8             | 7      |           |               |       | 1            |
| Abscess, mastoid.....                      | 1             | 1      |           |               |       |              |
| Abscess, periurethral.....                 | 3             | 3      |           |               |       |              |
| Abscess, subdiaphragmatic.....             | 1             | 1      |           |               |       |              |
| Abscess, splenic.....                      | 2             |        | 2         |               |       |              |
| Anchylosis.....                            | 2             |        | 1         |               |       | 1            |
| Aneurism of popliteal artery.....          | 1             | 1      |           |               |       |              |
| Anus, fistula of.....                      | 2             |        |           |               |       | 1            |
| Appendicitis.....                          | 3             | 3      |           |               |       |              |
| Appendicitis, recurrent.....               | 4             | 4      |           |               |       |              |
| Arthritis.....                             | 1             | 1      |           |               |       |              |
| Bladder, encysted catheter in.....         | 1             | 1      |           |               |       |              |
| Bladder, rupture of.....                   | 1             |        |           |               | 1     |              |
| Bone, caries of.....                       | 6             | 4      | 2         |               |       |              |
| Bone, fractures.....                       | 14            | 13     |           |               |       | 1            |
| Bone, compound fracture of.....            | 2             | 2      |           |               |       |              |
| Bone, compound comminuted fracture of..... | 2             | 2      |           |               |       |              |
| Bone, ununited fracture of.....            | 5             | 3      | 1         | 1             |       |              |
| Brain, concussion of.....                  | 1             | 1      |           |               |       |              |
| Bubo.....                                  | 25            | 24     |           |               |       | 1            |
| Burns.....                                 | 5             | 4      | 1         |               |       |              |
| Bursa, suppurating.....                    | 2             | 2      |           |               |       |              |
| Calculus, renal.....                       | 3             | 1      |           |               |       | 2            |
| Cancer, scirrhus.....                      | 2             |        | 2         |               |       |              |
| Carbuncle.....                             | 1             |        |           |               |       | 1            |
| Cervical adenitis, tubercular.....         | 6             | 1      | 5         |               |       |              |
| Chancroids.....                            | 4             | 4      |           |               |       |              |
| Cholelithiasis.....                        | 3             | 1      |           |               | 1     | 1            |
| Cystitis, acute.....                       | 2             | 2      |           |               |       |              |
| Cystitis, chronic.....                     | 5             |        | 5         |               |       |              |
| Dislocations.....                          | 2             | 2      |           |               |       |              |
| Empysema, traumatic.....                   | 1             | 1      |           |               |       |              |
| Epididymitis.....                          | 13            | 11     | 2         |               |       |              |
| Epithelioma.....                           | 1             |        |           |               | 1     |              |
| Erysipelas, facial.....                    | 1             |        |           |               | 1     |              |
| Felon.....                                 | 1             | 1      |           |               |       |              |
| Fistula, perineal.....                     | 1             |        | 1         |               |       |              |
| Fistula, salivary.....                     | 1             |        | 1         |               |       |              |
| Furuncle.....                              | 3             | 3      |           |               |       |              |
| Gleet.....                                 | 4             |        | 4         |               |       |              |
| Gonorrhoea.....                            | 4             | 4      |           |               |       |              |
| Gonorrhoea and bubo.....                   | 4             | 4      |           |               |       |              |
| Gonorrhoeal rheumatism.....                | 4             | 3      | 1         |               |       |              |
| Hæmatoma.....                              | 1             | 1      |           |               |       |              |
| Hemorrhoids.....                           | 8             | 7      | 1         |               |       |              |
| Hernia.....                                | 13            | 11     |           |               |       | 2            |
| Hernia, strangulated.....                  | 3             | 2      |           |               | 1     |              |
| Hip joint disease.....                     | 2             |        |           | 1             | 1     |              |
| Hydrocele.....                             | 2             | 1      |           |               |       | 1            |
| Intestinal obstruction.....                | 2             | 1      |           |               | 1     |              |

STATEMENT OF SURGICAL WARDS—*continued.*

| Diagnosis.                       | Total<br>number. | Cured. | Improved. | Not im-<br>proved. | Died. | Not<br>treated. |
|----------------------------------|------------------|--------|-----------|--------------------|-------|-----------------|
| Keloid.....                      | 1                |        |           | 1                  |       |                 |
| Kidney, floating.....            | 1                | 1      |           |                    |       |                 |
| Lupus.....                       | 2                | 2      |           |                    |       |                 |
| Oesophagus, cancer of.....       | 1                |        |           | 1                  |       |                 |
| Orchitis.....                    | 1                | 1      |           |                    |       |                 |
| Orchitis, syphilitic.....        | 2                | 1      | 1         |                    |       |                 |
| Osteitis, tubercular.....        | 1                | 1      |           |                    |       |                 |
| Osteomalacia.....                | 1                |        |           | 1                  |       |                 |
| Palate, cancer of.....           | 1                |        |           |                    | 1     |                 |
| Pancreas, cancer of.....         | 1                |        |           |                    | 1     |                 |
| Periostitis.....                 | 3                | 2      | 1         |                    |       |                 |
| Phimosis.....                    | 1                | 1      |           |                    |       |                 |
| Proctitis.....                   | 2                | 1      |           | 1                  |       |                 |
| Prostate, enlarged.....          | 2                |        | 2         |                    |       |                 |
| Rectum, cancer of.....           | 4                | 1      |           |                    | 3     |                 |
| Rectum, polypus of.....          | 2                | 2      |           |                    |       |                 |
| Rectum, stricture of.....        | 3                |        | 3         |                    |       |                 |
| Rectum, ulcer of.....            | 2                |        | 2         |                    |       |                 |
| Sarcoma.....                     | 3                |        | 1         |                    | 2     |                 |
| Skull, fracture of.....          | 2                |        |           |                    | 2     |                 |
| Spine, tubercular caries of..... | 4                |        | 3         | 1                  |       |                 |
| Spine, fracture of.....          | 2                |        |           | 1                  | 1     |                 |
| Spinal hemorrhage.....           | 1                |        | 1         |                    |       |                 |
| Spleen, floating.....            | 3                |        |           |                    | 2     |                 |
| Sprains.....                     | 21               | 13     | 5         | 1                  |       | 2               |
| Stomach, cancer of.....          | 4                |        |           | 4                  |       |                 |
| Stomatitis, acute.....           | 2                | 2      |           |                    |       |                 |
| Stump, painful.....              | 2                | 2      |           |                    |       |                 |
| Synovitis.....                   | 1                |        |           |                    |       | 1               |
| Syphilis.....                    | 42               |        | 39        |                    |       | 3               |
| Tongue, cancer of.....           | 1                |        |           | 1                  |       |                 |
| Ulcers.....                      | 29               | 12     | 16        |                    |       | 1               |
| Urethra, stricture of.....       | 15               | 8      | 5         |                    |       | 2               |
| Urine, retention of.....         | 1                | 1      |           |                    |       |                 |
| Varicocele.....                  | 3                | 3      |           |                    |       |                 |
| Wounds, contused.....            | 24               | 24     |           |                    |       |                 |
| Wounds, crushed.....             | 9                | 4      |           |                    | 5     |                 |
| Wounds, gunshot.....             | 12               | 11     | 1         |                    |       |                 |
| Wounds, incised.....             | 8                | 8      |           |                    |       |                 |
| Wounds, lacerated.....           | 12               | 11     |           |                    |       | 1               |
| Wounds, stab.....                | 6                | 5      |           |                    |       | 1               |
| Total.....                       | 433              | 260    | 100       | 14                 | 25    | 25              |

STATEMENT OF SURGICAL WARDS—*continued.*

| Diagnosis.                         | Total<br>number. | Cured. | Improved. | Not im-<br>proved. | Died. | Not<br>treated. |
|------------------------------------|------------------|--------|-----------|--------------------|-------|-----------------|
| <b>EYE CASES.</b>                  |                  |        |           |                    |       |                 |
| Cataract .....                     | 9                | 8      |           |                    |       | 1               |
| Conjunctivitis, acute .....        | 1                | 1      |           |                    |       |                 |
| Conjunctivitis, chronic .....      | 1                |        | 1         |                    |       |                 |
| Conjunctivitis, granular .....     | 2                |        | 2         |                    |       |                 |
| Conjunctivitis, traumatic .....    | 1                | 1      |           |                    |       |                 |
| Iritis, chronic .....              | 1                |        | 1         |                    |       |                 |
| Keratitis .....                    | 2                |        | 2         |                    |       |                 |
| Ophthalmia, gonorrhoeal .....      | 1                | 1      |           |                    |       |                 |
| Optic nerve, atrophy of .....      | 3                |        | 3         |                    |       |                 |
| Total .....                        | 21               | 11     | 9         |                    |       | 1               |
| <b>EAR, NOSE AND THROAT CASES.</b> |                  |        |           |                    |       |                 |
| Laryngitis, acute .....            | 1                | 1      |           |                    |       |                 |
| Laryngitis, chronic .....          | 2                | 1      | 1         |                    |       |                 |
| Laryngitis, tubercular .....       | 2                |        |           | 1                  | 1     |                 |
| Total .....                        | 5                | 2      | 1         | 1                  | 1     |                 |
| Total in surgical wards .....      | 459              | 282    | 110       | 15                 | 26    | 26              |

The following operations were performed in the surgical department:

|                                                            |     |
|------------------------------------------------------------|-----|
| Amputations.....                                           | 8   |
| Castration.....                                            | 1   |
| Cholecystotomy.....                                        | 1   |
| Circumcision.....                                          | 4   |
| Colotomy for cancer of rectum.....                         | 1   |
| Cystotomy, suprapubic.....                                 | 1   |
| Cystotomy, suprapubic (catheterization of ureter).....     | 1   |
| Cystotomy, suprapubic with retrograde catheterization..... | 1   |
| Enucleation of eyeball.....                                | 3   |
| Evacuation of hepatic abscess.....                         | 1   |
| Evacuation of gluteal abscess.....                         | 1   |
| Evacuation of psoas abscess.....                           | 3   |
| Evacuation of ischiorectal abscess.....                    | 8   |
| Evacuation of pyothorax.....                               | 1   |
| Evacuation of splenic abscess.....                         | 2   |
| Excision of angioma.....                                   | 1   |
| Excision of cancerous breast.....                          | 2   |
| Excision of cervical glands.....                           | 4   |
| Excision of Fibroma.....                                   | 1   |
| Excision of gumma.....                                     | 1   |
| Excision of head of femur.....                             | 1   |
| Excision of head of radius.....                            | 1   |
| Excision of inferior maxilla and tongue.....               | 1   |
| Excision of inguinal glands.....                           | 18  |
| Excision of pterygium.....                                 | 1   |
| Excision of rectum for cancer.....                         | 1   |
| Excision of superior maxilla.....                          | 1   |
| Excision of sternum.....                                   | 1   |
| Fixation of floating kidney.....                           | 1   |
| Gunshot wounds.....                                        | 7   |
| Hemorrhoids, Whitehead's operation.....                    | 3   |
| Hemorrhoids, cauterization.....                            | 5   |
| Hemorrhoids, ligature.....                                 | 3   |
| Hernia, radical cure for inguinal.....                     | 14  |
| Hydrocele, radical cure.....                               | 1   |
| Iridectomy.....                                            | 9   |
| Laparotomy for appendicitis.....                           | 4   |
| Laparotomy for cancer of stomach.....                      | 1   |
| Laparotomy for gallstones.....                             | 2   |
| Laparotomy for intestinal obstruction.....                 | 3   |
| Laparotomy for removal of spleen.....                      | 1   |
| Ligature of femoral artery for popliteal aneurism.....     | 1   |
| Ligature for varicose ulcer.....                           | 1   |
| Ligature of vasa deferentia.....                           | 1   |
| Minor operations.....                                      | 150 |
| Nephrotomy, lumbar.....                                    | 1   |
| Nerve, suture of.....                                      | 1   |
| Osteotomy.....                                             | 2   |
| Reproduction of Steno's duct.....                          | 1   |
| Sequestrotomy.....                                         | 6   |
| Skin grafting.....                                         | 5   |
| Symblephorotomy.....                                       | 1   |
| Tenotomy.....                                              | 10  |
| Tracheotomy for removal of foreign body.....               | 2   |
| Trephining of skull.....                                   | 2   |
| Urethrotomy, external.....                                 | 12  |
| Urethrotomy, internal.....                                 | 1   |
| Varicocele, radical cure.....                              | 1   |
| Wiring bones (compound fracture).....                      | 2   |
| Wiring bones (ununited fracture).....                      | 1   |
| Total.....                                                 | 326 |

## STATEMENT OF CHILDREN'S WARD.

| Diagnosis.                         | Total number. | Cured. | Improved. | Not improved. | Died. | Not treated. |
|------------------------------------|---------------|--------|-----------|---------------|-------|--------------|
| <b>MEDICAL AND SURGICAL CASES.</b> |               |        |           |               |       |              |
| Anus, condylomata of.....          | 1             | 1      |           |               |       |              |
| Burns.....                         | 2             | 1      | 1         |               |       |              |
| Dengue.....                        | 1             | 1      |           |               |       |              |
| Eczema.....                        | 1             | 1      |           |               |       |              |
| Epilepsy.....                      | 1             |        | 1         |               |       |              |
| Enteritis.....                     | 5             | 2      |           |               | 2     | 1            |
| Fever, typhoid.....                | 3             | 3      |           |               |       |              |
| Furuncle.....                      | 1             | 1      |           |               |       |              |
| Foreign body in trachea.....       | 2             | 2      |           |               |       |              |
| Gastritis, acute.....              | 3             | 3      |           |               |       |              |
| Gastro-intestinal catarrh.....     | 9             | 4      | 2         |               | 3     |              |
| Hernia.....                        | 1             | 1      |           |               |       |              |
| Inanition.....                     | 5             | 1      | 1         |               | 2     | 1            |
| Indigestion, acute.....            | 4             | 4      |           |               |       |              |
| Meningitis, tubercular.....        | 1             |        |           |               | 1     |              |
| Osteomyelitis.....                 | 1             | 1      |           |               |       |              |
| Pneumonia, acute catarrhal.....    | 2             | 1      |           |               | 1     |              |
| Poliomyelitis.....                 | 1             |        | 1         |               |       |              |
| Rachitis.....                      | 1             | 1      |           |               |       |              |
| Sarcoma.....                       | 1             | 1      |           |               |       |              |
| Symblepharon.....                  | 1             | 1      |           |               |       |              |
| Talipes, equino-varus.....         | 3             |        | 3         |               |       |              |
| Tetanus, acute traumatic.....      | 1             |        |           |               | 1     |              |
| Tonsillitis.....                   | 2             | 2      |           |               |       |              |
| Total.....                         | 53            | 32     | 9         | 0             | 10    | 2            |

## STATEMENT OF GYNECOLOGICAL AND OBSTETRICAL WARDS.

| Diagnosis.                                                  | Total number. | Cured. | Improved. | Not improved. | Died. | Not treated. |
|-------------------------------------------------------------|---------------|--------|-----------|---------------|-------|--------------|
| Abortion, (septic infection*).....                          | 2             | 1      |           |               |       | 1            |
| Abortion, threatened.....                                   | 1             | 1      |           |               |       |              |
| Abscess, glands of Duverney.....                            | 1             | 1      |           |               |       |              |
| Cancer of cervix uteri.....                                 | 3             | 1      | 1         | 1             |       |              |
| Carcinoma uteri.....                                        | 1             |        | 1         |               |       |              |
| Cervix, laceration of.....                                  | 13            | 11     |           | 1             |       | 1            |
| Cervix, stenosis of.....                                    | 1             | 1      |           |               |       |              |
| Cyst, ovarian.....                                          | 11            | 6      | 3         |               | 1     | 1            |
| Cyst, glands of Duverney.....                               | 1             | 1      |           |               |       |              |
| Cystitis.....                                               | 5             | 4      | 1         |               |       |              |
| Dysmenorrhea.....                                           | 2             |        | 1         |               |       | 1            |
| Eclampsia.....                                              | 1             | 1      |           |               |       |              |
| Endometritis and metritis.....                              | 90            | 76     | 3         |               |       | 11           |
| Endometritis, following abortion.....                       | 2             | 2      |           |               |       |              |
| Fistula, recto-vaginal.....                                 | 1             | 1      |           |               |       |              |
| Myofibroma of uterus.....                                   | 13            | 5      | 4         |               | 2     | 2            |
| Myofibroma of uterus and cystic degeneration of cervix..... | 1             |        |           |               | 1     |              |
| Oophoritis.....                                             | 1             | 1      |           |               |       |              |
| Ovary, prolapse of.....                                     | 1             |        | 1         |               |       |              |
| Pelvic peritonitis.....                                     | 1             | 1      |           |               |       |              |
| Perineum, laceration of.....                                | 17            | 14     | 1         |               |       | 2            |
| Pregnancy.....                                              | 27            | 21†    |           | 6‡            |       |              |
| Pregnancy, vomiting of.....                                 | 1             | 1      |           |               |       |              |
| Pyosalpinx.....                                             | 6             | 3      | 2         |               | 1     |              |
| Retroflexion of uterus.....                                 | 2             |        | 1         |               |       | 1            |
| Retroversion of uterus.....                                 | 3             | 1      | 2         |               |       |              |
| Salpingitis.....                                            | 3             | 1      | 2         |               |       |              |
| Sarcoma of ovary and broad ligament.....                    | 1             |        |           |               | 1     |              |
| Urethra, laceration of.....                                 | 1             |        | 1         |               |       |              |
| Urethra, caruncles.....                                     | 1             | 1      |           |               |       |              |
| Vagina, prolapse of.....                                    | 1             | 1      |           |               |       |              |
| Vaginitis and bubo.....                                     | 1             | 1      |           |               |       |              |
| Vaginitis, specific.....                                    | 9             | 6      | 3         |               |       |              |
| Total cases.....                                            | 227           | 166    | 27        | 8             | 6     | 20           |
| §Total number of patients.....                              | 179           | 123    | 22        | 8             | 6     | 20           |

\* Entered in this condition; no case of septic infection has ever originated in hospital.

† Delivered.

‡ Left hospital before delivery.

§ Discrepancy between statement of "cases" and patients in the gynecological and obstetrical wards is due to the fact that many of these patients presented complicated cases which have been classified separately.

The following operations were performed in the gynecological department:

|                                                       |            |
|-------------------------------------------------------|------------|
| Cauterization of phagedenic ulcers .....              | 1          |
| Cervical amputation.....                              | 3          |
| Curetting.....                                        | 77         |
| Forceps delivery.....                                 | 1          |
| Laparotomy.....                                       | 14         |
| Perineorrhaphy, primary.....                          | 1          |
| Perineorrhaphy, secondary (colpo-perineorrhaphy)..... | 17         |
| Trachelorrhaphy.....                                  | 12         |
| Urethral caruncles, removal of .....                  | 1          |
| Vaginal hysterectomy .....                            | 1          |
| Vaginal oophorectomy.....                             | 1          |
| <b>Total .....</b>                                    | <b>129</b> |

#### OUTDOOR CLINICAL SERVICE.

|                                        |             |
|----------------------------------------|-------------|
| Medical and nervous cases.....         | 1402        |
| Adults.....                            | 1125        |
| Children .....                         | 277         |
| Surgical cases.....                    | 924         |
| Adults .....                           | 849         |
| Children .....                         | 75          |
| Gynecological cases.....               | 177         |
| Eye, ear, nose, and throat cases ..... | 188         |
| Skin cases.....                        | 110         |
| <b>Total.....</b>                      | <b>2801</b> |

#### SUMMARY.

| Diagnosis.                                               | Total number. | Cured. | Improved. | Not improved. | Died. | Not treated. |
|----------------------------------------------------------|---------------|--------|-----------|---------------|-------|--------------|
| Total medical cases in wards.....                        | 559           | 352    | 133       | 13            | 51    | 10           |
| Total nervous cases in wards.....                        | 66            | 13     | 33        | 10            | 9     | 1            |
| Total skin cases in wards.....                           | 13            | 8      | 5         | .....         | ..... | .....        |
| Total from medical wards.....                            | 638           | 373    | 171       | 23            | 60    | 11           |
| Total of surgical cases in wards.....                    | 433           | 269    | 100       | 14            | 25    | 25           |
| Total of eye cases in wards .....                        | 21            | 11     | 9         | .....         | ..... | 1            |
| Total of ear, nose and throat cases in wards.....        | 5             | 2      | 1         | 1             | 1     | .....        |
| Total from surgical wards.....                           | 459           | 282    | 110       | 15            | 26    | 26           |
| Total medical and surgical cases in children's ward..... | 53            | 32     | 9         | 0             | 10    | 2            |
| Total obstetrical and gynecological cases in wards.....  | 179           | 123    | 22        | 8             | 6     | 20           |
| Total treated in wards.....                              | 1329          | 810    | 312       | 46            | 102   | 59           |
| Total treated in outdoor clinic.....                     | 2801          |        |           |               |       |              |
| Grand total .....                                        | 4130          |        |           |               |       |              |

**ROSTER OF SCHOOL OF MEDICINE.**  
**FIRST YEAR (FOUR-YEARS COURSE).**

| HRS.           | MONDAY.                                                                                        | TUESDAY.                                                                                       | WEDNESDAY.                                                                                     | THURSDAY.                                                                                      | FRIDAY.                                                                                        | SATURDAY. |
|----------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------|
| 9-10<br>a. m.  | Anatomy,<br>Sects. A and B.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. C. D. | Anatomy,<br>Sects. A and B.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. C. D. | Anatomy,<br>Sects. A and B.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. C. D. | Anatomy,<br>Sects. A and B.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. C. D. | Anatomy,<br>Sects. A and B.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. C. D. | Anatomy.  |
| 10-11<br>a. m. |                                                                                                |                                                                                                |                                                                                                |                                                                                                |                                                                                                |           |
| 11-12<br>m.    | Anatomy,<br>Sects. C and D.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. A. B. | Anatomy,<br>Sects. C and D.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. A. B. | Anatomy,<br>Sects. C and D.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. A. B. | Anatomy,<br>Sects. C and D.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. A. B. | Anatomy,<br>Sects. C and D.<br>Biol., Histol. and<br>Embryol. Labo-<br>ratory.<br>Sects. A. B. |           |
| 12-1<br>p. m.  |                                                                                                |                                                                                                |                                                                                                |                                                                                                |                                                                                                |           |
| 2-3<br>p. m.   | Chemical Labo-<br>ratory.                                                                      | Botany, 1st half<br>term.                                                                      | Chemical Labo-<br>ratory.                                                                      | Physiological<br>Laboratory.                                                                   | Botany, 1st half<br>term.                                                                      |           |
| 3-4<br>p. m.   |                                                                                                | Biology, Histology<br>and Embryology.                                                          |                                                                                                |                                                                                                | Biology, Histology<br>and Embryology.                                                          |           |
| 4-5<br>p. m.   | Physiology 2nd<br>half term.                                                                   | General Path-<br>ology.                                                                        |                                                                                                | General Path-<br>ology.                                                                        | Materia Medica.                                                                                |           |
| 5-6<br>p. m.   | Physics, 1st half<br>term.<br>Chemistry, 2nd<br>half term.                                     | Chemistry, 1st<br>half term.<br>Physiology, 2nd<br>half term.                                  | Physics, 1st half<br>term.                                                                     |                                                                                                | Chemistry.                                                                                     |           |

## SECOND YEAR (FOUR-YEARS COURSE).

| HRS.           | MONDAY.                                                           | TUESDAY.                                                         | WEDNESDAY.                                                        | THURSDAY.                                                          | FRIDAY.                                                           | SATURDAY.                 |
|----------------|-------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------|
| 9-10<br>a. m.  | Anatomy,<br>Sect. A.<br>Pathological Lab-<br>oratory,<br>Sect. B. | Anatomy,<br>Sect. A.                                             | Anatomy,<br>Sect. A.<br>Pathological Lab-<br>oratory,<br>Sect. B. | Anatomy,<br>Sect. B.                                               | Anatomy,<br>Sect. A.<br>Pathological Lab-<br>oratory,<br>Sect. B. | Chemical Labo-<br>ratory. |
| 10-11<br>a. m. |                                                                   |                                                                  |                                                                   |                                                                    |                                                                   |                           |
| 11-12<br>m.    | Anatomy,<br>Sect. B.<br>Pathological Lab-<br>oratory,<br>Sect. A. | Anatomy,<br>Sect. B.<br>Physiological<br>Laboratory,<br>Sect. A. | Anatomy,<br>Sect. B.<br>Pathological Lab-<br>oratory,<br>Sect. A. | Anatomy,<br>Sect. A.<br>Physiological Lab-<br>oratory,<br>Sect. B. | Anatomy,<br>Sect. B.<br>Pathological Lab-<br>oratory,<br>Sect. A. | Anatomy.                  |
| 12-1<br>p. m.  |                                                                   |                                                                  |                                                                   |                                                                    |                                                                   | Physical Diagnosis.       |
| 2-3<br>p. m.   |                                                                   | Chemistry.                                                       |                                                                   | Chemistry.                                                         | Chemical Labo-<br>ratory.                                         |                           |
| 3-4<br>p. m.   |                                                                   |                                                                  | General Path-<br>ology.                                           | General Path-<br>ology.                                            |                                                                   |                           |
| 4-5<br>p. m.   | Therapeutics.                                                     | Therapeutics.                                                    | Physiology.                                                       | Minor Surgery.                                                     | Physiology.                                                       |                           |
| 5-6<br>p. m.   |                                                                   |                                                                  |                                                                   | Obstetrics.                                                        | Obstetrics.                                                       |                           |

## THIRD YEAR (THREE-YEARS COURSE).

| HRS.           | MONDAY.                       | TUESDAY.           | WEDNESDAY.                  | THURSDAY.                     | FRIDAY.                    | SATURDAY.                                       |
|----------------|-------------------------------|--------------------|-----------------------------|-------------------------------|----------------------------|-------------------------------------------------|
| 8-9<br>a. m.   | Medical Clinic.               | Ophthalmic Clinic. | Medical Clinic.             | Medical Clinic.               | Medical Clinic.            | Diseases of Ear,<br>Nose, and Throat<br>Clinic. |
| 9-10<br>a. m.  | Operative<br>Surgical Clinic. | Ward Classes.      | Ward Classes.               | Operative<br>Surgical Clinic. | Ward Classes.              | Pediatric Clinic.                               |
| 10-11<br>a. m. | Dermatology.                  | Special Pathology. | Gynecology.                 | Special Pathology.            | Dermatology.               | Operative Gynecological Clinic.                 |
| 11-12<br>m.    | Out Door Clinics.             | Out Door Clinics.  | Out Door Clinics.           | Out Door Clinics.             | Out Door Clinics.          | Out Door Clinics.                               |
| 12-1<br>p. m.  | Gross Morbid<br>Anatomy.      | Neurology.         | Pathological Laboratory.    | Ophthalmology,<br>Etc.        | Bacteriology.              |                                                 |
| 2-3<br>p. m.   | Hygiene.                      | Surgery.           | Pediatrics.                 | Surgery.                      | Operative Surgery.         |                                                 |
| 3-4<br>p. m.   | Therapeutics.                 | Therapeutics.      | Nervous Diseases<br>Clinic. | Medical Juris-<br>prudence.   |                            |                                                 |
| 4-5<br>p. m.   | Obstetrics.                   | Obstetrics.        | Practice of Medi-<br>cine.  | Hygiene.                      | Practice of Medi-<br>cine. |                                                 |



# MATRICULATES IN SCHOOL OF MEDICINE.

## SESSION OF 1897-98.

### Third-Year Class (Three-Years Course).

| Name.                                      | Residence.      | Preceptor.           |
|--------------------------------------------|-----------------|----------------------|
| Aldridge, H. Welsh .....                   | Plano.....      | University of Texas. |
| Aston, S. N.....                           | Marquez.....    | University of Texas. |
| Atkinson, Newell Wrigley, Galveston .....  |                 | University of Texas. |
| Becker, Arthur Edward..                    | Brenham .....   | E. Becker.           |
| Berry, Thomas Dorsey...                    | Paris .....     | J. F. Hooks.         |
| (B. S., Marion Military Institute, Ala.)   |                 |                      |
| Bledsoe, Robert Emmet }                    | Conroe.....     | University of Texas. |
| Baylor, B. S., M. D. }                     |                 |                      |
| Boren, Shadrach Lawrence.                  | } Carthage..... | J. E. Wall.          |
|                                            |                 |                      |
| Brandenburg, Michael ...                   | Denton .....    | University of Texas. |
| Burns, Edward Jackson..                    | Giddings .....  | W. E. York.          |
| Carroll, Thomas William, Dallas .....      |                 | E. L. Thompson.      |
| Chapman, Murray Lee ...                    | Temple .....    | Rogers and Barton.   |
| Connell, Thomas E.....                     | Belton .....    | University of Texas. |
| (B. Lit., University of Texas.)            |                 |                      |
| *Elmendorff, Edward...                     | San Antonio...  | University of Texas. |
| Fontaine, William James, Jones' Prairie... |                 | University of Texas. |
| (B. S., Southwestern University, Texas.)   |                 |                      |
| Foote, Stephen A.....                      | Wharton .....   | University of Texas. |
| Gibson, Jas. Washington, Austin .....      |                 | T. D. Wooten.        |
| Hall, Horace C.....                        | Dallas .....    | V. P. Armstrong.     |
| Harrison, Robert Henry..                   | Columbus .....  | Harrison & Harrison. |
| Hill, J. A.....                            | Willow Hole.... | University of Texas. |
| *Hume, Lea.....                            | Galveston ..... | University of Texas. |
| Ingalls, Henry Allison...                  | Waverly.....    | E. G. Watson.        |
| Jones, Charles Clinton ...                 | Brock .....     | University of Texas. |

\* Third year of four-years course.

| Name.                           | Residence.       | Preceptor.                                                       |
|---------------------------------|------------------|------------------------------------------------------------------|
| Kimmons, Sam Hall.....          | Dallas .....     | University of Texas.<br>(A. M., University of Mississippi.)      |
| Kusch, Luther .....             | Sherman.....     | University of Texas.                                             |
| Leach, Robert Nall.....         | Blghill .....    | University of Texas.                                             |
| Le Grand, Leroy.....            | Graham .....     | University of Texas.<br>(B. Lit., University of Texas.)          |
| McCarver, James Willam,         | Coryell City ... | Brason and Perkins.                                              |
| McDaniel, Ralph Reuel...        | Granger .....    | University of Texas.                                             |
| McLeod, Robt. Henderson,        | Palestine .....  | J. M. Colley.                                                    |
| McMillan, Marion B.....         | Boerne .....     | William Miller.<br>(B. M. E., A. and M. College of Texas.)       |
| Moffett, Joseph W. ....         | .....            | McGill University.<br>(D. V. S., McGill University.)             |
| Moody, Milus Lea.....           | Albany .....     | University of Texas.                                             |
| Nelson, Andrew Daniel ..        | Goldthwaite....  | University of Texas.<br>(B. S., Centenary College, La.)          |
| Nibling, George William,        | Moffat... ..     | University of Texas.                                             |
| Nooe, John Francis .....        | .....            | Univ. of N. Carolina.<br>(Ph. B., University of North Carolina.) |
| Pipkin, George Pearce ..        | Waco.....        | J. A. Pipkin.                                                    |
| Robertson, Jos. Archibald,      | Galveston .....  | University of Texas.<br>(C. E., V. M. I.)                        |
| Rogers, Madison Woodson,        | Clarkson .....   | University of Texas.                                             |
| Sappington, Harry O....         | Austin ....      | A. N. Denton.                                                    |
| Shearer, Amon R.....            | Wallisville..... | T. W. Shearer.                                                   |
| Stephenson, T. B.....           | Center.....      | S. J. Smart.                                                     |
| Ward, Joshua Thomason..         | Huntsville ..... | J. W. Thomason.                                                  |
| *Ware, Ella.....                | Lorenz .....     | University of Texas.                                             |
| White, Thomas Watson...         | Ennis.....       | University of Texas.                                             |
| Wilson, Robert L.....           | Austin .....     | University of Texas.<br>(A. M., University of Texas.)            |
| Yeager, Robert Lee .....        | Mineral Wells... | C. F. Yeager.<br>(A. M., M. W. C.)                               |
| York, Frederick Alexander ..... | .....            |                                                                  |

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\*Third year of four-years course.

**Second-Year Class (Three-Years Course).**

| Name.                                                          | Residence.           | Preceptor.           |
|----------------------------------------------------------------|----------------------|----------------------|
| Allen, G. W.....                                               | Flatonia.....        | G. W. Allen.         |
| Anderson, W. J.....                                            | Cleveland.....       | University of Texas. |
| Aynesworth, Kenneth H.....                                     | Graham.....          | University of Texas. |
| Baker, W. P.....                                               | San Angelo.....      | University of Texas. |
| Blount, Ralph.....                                             | San Antonio.....     | W. G. Jameson.       |
| Bosley, W. Clement.....                                        | Austin.....          | University of Texas. |
| Braselton, B. E.....                                           | Weatherford.....     | L. P. Lanier.        |
| †Brown, B. S.....                                              | Lorena.....          | University of Texas. |
| (A. B., University of Texas.)                                  |                      |                      |
| Bryan, F. F.....                                               | Iredell.....         | Grace and Pedico.    |
| Caruthers, J. A.....                                           | Kimball.....         | University of Texas. |
| Clark, D. H.....                                               | Hackberry.....       | Tulane University.   |
| Cocke, Rogers.....                                             | Marshall.....        | Stallcup and Cooper. |
| Collard, L. R.....                                             | Austin.....          | University of Texas. |
| †Cox, R. L.....                                                | Gonzales.....        | University of Texas. |
| †Devlin, Ella.....                                             | Galveston.....       | University of Texas. |
| Davis, Jr., W. A.....                                          | Salado.....          | J. D. Law.           |
| †Dechard, H. B.....                                            | Austin.....          | University of Texas. |
| (M. A., University of Texas.)                                  |                      |                      |
| Dudgeon, H. R.....                                             | Maxwell.....         | University of Texas. |
| Durham, C. E.....                                              | Dublin.....          | University of Texas. |
| Embree, J. W.....                                              | Belton.....          | Taylor Hudson.       |
| Estes, J. M.....                                               | Clyde.....           | University of Texas. |
| (B. L., Simmons College.)                                      |                      |                      |
| Evans, J. M.....                                               | Corpus Christi.....  | University of Texas. |
| Fairbanks, G. D.....                                           | Denison.....         | University of Texas. |
| (LL. B., University of Michigan; Ph. G., University of Texas.) |                      |                      |
| Farrington, J. B.....                                          | Chillicothe.....     | University of Texas. |
| Gilbert, J. C.....                                             | Sulphur Springs..... | A. E. Garrett.       |
| Greenwood, W. W.....                                           | Plantersville.....   | Waters and Barnhill. |
| †Gregg, Frank C.....                                           | Manor.....           | University of Texas. |
| Hairston, T. C.....                                            | Independence.....    | J. M. Buford.        |
| Harrison, J. W.....                                            | Columbus.....        | Harrison & Harrison. |
| Hart, W. G.....                                                | Garrison.....        | J. B. Fears.         |
| Horton, R. W.....                                              | Galveston.....       | University of Texas. |

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† Second year of four-years course.

| Name.                                    | Residence.       | Preceptor.           |
|------------------------------------------|------------------|----------------------|
| House, Earnest .....                     | Dallas .....     | S. J. Gano.          |
| Ingram, L. C.....                        | Terrell .....    | University of Texas. |
| Jackson, R. S.....                       | Double Bayou ..  | University of Texas. |
| James, A. J. ....                        | Dallas .....     | University of Texas. |
| (B. S., University of Texas.)            |                  |                      |
| †Jester, H. B.....                       | Corsicana.....   | University of Texas. |
| Jones, J. F.....                         | Whitesboro. .... | J. W. Carey.         |
| Kent, Frank .....                        | Gonzales.....    | University of Texas. |
| King, R. W.....                          | Belton .....     | T. O. Maxwell.       |
| Lawson, F. W.....                        | Courtney.....    | University of Texas. |
| (B. S., Southwestern University, Texas.) |                  |                      |
| Letzerich, C. W... ..                    | Warrenton.....   | University of Texas. |
| Lennert, Robert H. ....                  | Warrenton.....   | University of Texas. |
| Lokey, J. P.....                         | Ferris .....     | University of Texas. |
| Lynch, W. W. ....                        | Galveston .....  | University of Texas. |
| Martin, M. L.....                        | Gainesville..... | J. E. Gilcreest.     |
| †Merritt, G. E.....                      | Trenton .....    | J. W. Morrow.        |
| Miller, Felix P.....                     | Galveston.....   | W. F. Starley, Jr.   |
| Mincey, J. N.....                        | Van Alstyne....  | University of Texas. |
| (A. B., Columbia College, Texas.)        |                  |                      |
| Morgan, J. B.....                        | Seguin .....     | R. B. Anderson.      |
| Muegge, O. J.....                        | Cuero... ..      | J. H. Reuss.         |
| Neal, W. S.....                          | Weatherford....  | W. M. Campbell.      |
| Norton, Charles F.....                   | Austin .....     | University of Texas. |
| (B. S., University of Texas.)            |                  |                      |
| Nolan, H. E.....                         | San Angelo.....  | University of Texas. |
| †Radkey, Oliver H.....                   | Austin .....     | University of Texas. |
| Ralston, Wallace.....                    | Austin .....     | J. C. Ralston.       |
| †Remer, A. F.....                        | San Antonio....  | University of Texas. |
| †Royston, Robert R.....                  | Galveston.....   | University of Texas. |
| Ruhl, Julius.....                        | Galveston.....   | University of Texas. |
| Salzer, John H. ....                     | Navasota .....   | University of Texas. |
| Sessums, J. R. ....                      | Carlton.....     | J. H. Tull.          |
| Sherrin, Jennie A .....                  | Galveston.....   | University of Texas. |
| Smith, C. C.....                         | Honey Grove ..   | McNew and Wright.    |
| Spaulding, T. E.....                     | Kingston .....   | University of Texas. |
| †Stafford, Brooks.....                   | Columbia .....   | University of Texas. |
| Stephenson, W. O.....                    | Dallas .....     | University of Texas. |

†Second year of four-years course.

| Name.                                                | Residence.       | Preceptor.           |
|------------------------------------------------------|------------------|----------------------|
| Sterzing, Herbert .....                              | Austin.....      | University of Texas. |
| Stone, Harry B .....                                 | Galveston.....   | University of Texas. |
| Taylor, Holman .....                                 | Marshall.....    | J. H. Taylor.        |
| (B. S., Bethel College, Ky.)                         |                  |                      |
| Tenney, L. P. ....                                   | Crockett.....    | University of Texas. |
| (B. A., Southwestern Presbyterian University, Tenn.) |                  |                      |
| Thornton, Z. N. ....                                 | Blum.....        | J. B. Cypert.        |
| Van Zandt, B. ....                                   | Paris .....      | B. F. McCuiston.     |
| Von Roeder, L. ....                                  | Yorktown .....   | John Burns.          |
| Warner, H. J. ....                                   | Galveston.....   | University of Texas. |
| (Ph. G., University of Texas.)                       |                  |                      |
| Wedemeyer, G. A. ....                                | Belton .....     | University of Texas. |
| (B. A., University of Texas.)                        |                  |                      |
| Whately, A. H. ....                                  | Texarkana.....   | University of Texas. |
| (A. B., B. D., Cumberland University, Tenn.)         |                  |                      |
| Williams, C. B. ....                                 | Mineral Wells... | J. H. McCracken.     |
| Wilson, Samuel .....                                 | Caldwell .....   | J. S. Wilson.        |
| Wilder, H. L. ....                                   | Weatherford ..   | Alfred Irby.         |
| Witte, W. S. ....                                    | Shelby .....     | B. E. Knolle.        |
| Wolfe, William M. ....                               | Seguin .....     | T. W. Moore.         |
| †Ziegler, B. A. ....                                 | Dodge .....      | J. A. Hall.          |

#### First-Year Class (Four-Years Course).

|                           |                  |                      |
|---------------------------|------------------|----------------------|
| Bickham, William S. ....  | Goldthwaite .... | University of Texas. |
| Bounds, J. W. ....        | McKinney .....   | J. D. Becton.        |
| Browder, F. G. ....       | Waverly.....     | University of Texas. |
| Cahoon, Harry N. ....     | Temple.....      | A. C. Scott.         |
| Cline, W. B. ....         | Woodville .....  | D. McMicken.         |
| Collum, C. C. ....        | Groesbeeck ..... | D. A. Cook.          |
| Converse, Elliott V. .... | Palestine .....  | University of Texas. |
| Coutant, Clarence W. .... | Galveston.....   | University of Texas. |
| Cox, C. M. ....           | Nacogdoches....  | University of Texas. |
| Currie, R. F. ....        | Lott.....        | E. C. Gorden.        |
| Doak, Edmond.....         | Taylor.....      | A. V. Doak.          |
| Ehrhardt, W. ....         | Westfield .....  | E. H. Dunnam.        |
| Elliott, J. R. ....       | Abilene.....     | J. T. Harrington.    |
| Enloe, D. C. ....         | Emilee.....      | University of Texas. |

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† Second year of four-years course.

| Name.                     | Residence.           | Preceptor.           |
|---------------------------|----------------------|----------------------|
| †Downs, H. E.....         | Arcadia.....         | University of Texas. |
| Francis, C. C., Jr.....   | Cleburne.....        | C. C. Francis.       |
| Foote, G. A., Jr.....     | Rock Island.....     | University of Texas. |
| Freedman, Samuel M.....   | Rusk.....            | A. H. McCord.        |
| Fryer, A. S.....          | Fairfield.....       | University of Texas. |
| Gaines, Walter L.....     | Palestine.....       | A. L. Hathcock.      |
| Gordon, R. A.....         | Lorena.....          | T. F. Miles.         |
| Gough, R. H.....          | Dimmitt.....         | J. A. Leeman.        |
| Graves, J. Henry.....     | Georgetown.....      | Marvin L. Graves.    |
| Greenwood, James, Jr..... | Seguin.....          | R. B. Anderson.      |
| Gregory, Abel.....        | Austin.....          | H. B. Granbury.      |
| Hander, William.....      | Stamp.....           | J. W. Head.          |
| Henry, C. R.....          | Belton.....          | University of Texas. |
| Hodges, R. R.....         | Paris.....           | W. S. Baldwin.       |
| Jackson, S. W.....        | Willow Hole.....     | University of Texas. |
| Jones, William D.....     | Marshall.....        | B. F. Eads.          |
| Kinsell, B.....           | Port Lavaca.....     | University of Texas. |
| Lacy, Robert Y.....       | Palestine.....       | University of Texas. |
| Loew, Henry K.....        | Brownsville.....     | Arthur S. Wolff.     |
| Love, Robert B.....       | Cold Springs.....    | University of Texas. |
| Malloy, S. A.....         | Ferris.....          | University of Texas. |
| Mason, W. E.....          | Granbury.....        | University of Texas. |
| McCollum, C. H.....       | Valley Mills.....    | W. T. McNeill.       |
| McCullough, S. S.....     | Terrell.....         | University of Texas. |
| †McDougall, Hugh.....     | Dallas.....          | University of Texas. |
| Nash, Allen.....          | Kirk.....            | C. Johnson.          |
| †Nave, T. W.....          | Galveston.....       | University of Texas. |
| Peeler, Roberta B.....    | Austin.....          | University of Texas. |
| Pierce, P. L.....         | Deming's Bridge..... | University of Texas. |
| Rabb, W. T.....           | Austin.....          | University of Texas. |
| Rawls, J. W.....          | Groesbeeck.....      | Cox and Cox.         |
| Rogers, Dee T.....        | Bartlett.....        | University of Texas. |
| Rowe, Hill.....           | San Antonio.....     | W. W. McGregor.      |
| Samuell, W. W.....        | Dallas.....          | University of Texas. |
| Scull, W. E.....          | La Vernia.....       | D. H. Houston.       |
| Spring, John V., Jr.....  | San Antonio.....     | J. V. Spring.        |
| Thomas, J. H.....         | Leggett.....         | University of Texas. |
| Ward, J., Jr.....         | Huntsville.....      | J. W. Thomason.      |

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† First year of three-years course.

| Name.                  | Residence.      | Preceptor.             |
|------------------------|-----------------|------------------------|
| Ward, W. Y.....        | Lamasco.....    | S. M. Henry.           |
| Whatley, H. P.....     | Wolfe City..... | Cantrell and Cantrell. |
| Wilbern, D. Y.....     | Llano.....      | W. R. Robinson.        |
| Wilson, W. R., Jr..... | Dallas.....     | W. R. Wilson.          |
| Wise, H. A.....        | Austin.....     | University of Texas.   |

**Special Students.**

|                                   |                  |                      |
|-----------------------------------|------------------|----------------------|
| Alexander, C. W., M. D..          | Waco.....        | University of Texas. |
| Batts, E. L.....                  | Bastrop.....     | University of Texas. |
| (M. D., University of Texas.)     |                  |                      |
| French, G. H.....                 | Prairie Lea..... | University of V. Wa. |
| Moseley, E. M.....                | Rusk.....        | A. H. McCord.        |
| O'Bar, Oliver.....                |                  | University of Texas. |
| Presnall, C. W.....               | Waco.....        | Wallace Wilcox.      |
| Smith, W. I. M.....               | Nacogdoches....  | University of Texas. |
| (M. D., Atlanta Medical College.) |                  |                      |
| Swain, W. C.....                  | Galveston.....   | University of Texas. |
| (M. D., University of Texas.)     |                  |                      |
| Tucker, Felix.....                | San Augustine..  | Tulane University.   |
| (M. D., Tulane University.)       |                  |                      |

**TEXT-BOOKS.****First Year.**

*\*Anatomy:* Morris (\$6.00), Gray, Cunningham's *Dissector's Guide* (\$7.00).

*Physiology:* Stewart's *Manual of Physiology* (\$3.50), Halliburton's *Essentials of Chemical Physiology* (\$1.50), Stirling's *Practical Physiology* (\$2.00).

*\*Chemistry:* Ganot's *Physics* (\$5.00), Wurtz (\$1.80), *Practical Exercises in Inorganic Chemistry*, Morris (\$1.25).

*Materia Medica:* H. C. Wood (\$6.00), *United States Dispensatory* (\$7.00), Thornton's *Prescription Writing* (\$1.25), Cerna's *New Remedies* (\$1.25).

*Botany:* Gray's *Field Botany* (\$1.80).

*Pathology:* Ziegler's *Pathology* (\$5.50), McFarland's *Pathogenic Bacteria* (\$2.50), Abbott's *Principles of Bacteriology* (\$2.50), Campbell's *Elementary Biology* (\$1.60), Foster and Balfour's *Embryology* (\$2.60).

*Histology:* Piersol (\$3.50), Stöhr (\$3.00), Klein (\$1.75).

*Lexicon:* Gould's *Student's* (\$3.25), Duane (\$3.00), Thomas (\$3.00), Gould's *Illustrated* (\$10.00).

**Second Year.**

*Anatomy:* Same as above.

*Physiology:* Stewart (\$3.50), Landois and Stirling (Fourth Am. Ed.) (\$7.00), Foster (Am. Ed.) (\$4.50).

*Chemistry:* Attfield (\$2.75), *Exercises in Medical and Pharmaceutical Chemistry*, Morris (\$1.00).

*Therapeutics:* Same as above (*Materia Medica*).

*Practice of Medicine:* Osler (\$5.50), Strumpell (\$6.00), Wood and Fitz (\$6.00), Vierordt's *Medical Diagnosis*

(\$4.00), Musser's *Medical Diagnosis* (\$5.00), Simons' *Clinical Diagnosis* (\$3.50).

*Obstetrics*: Lusk (\$5.00), *American Text-Book of Obstetrics* (\$7.00).

*Surgery*: Wharton's *Manual of Minor Surgery* (\$3.00), *American Text-Book of Surgery* (\$7.00), Park's *System of Surgery* (\$9.00), Treve's *System of Surgery* (\$9.00), Tillman's *Surgery and Surgical Pathology* (\$5.00).

\**Pathology*: Same as above; Bowlby's *Surgical Pathology* (\$2.00), Mallory and Wright, *Pathological Technology* (\$2.50).

*Lexicon*: Same as above.

### Third Year.

*Therapeutics*: Same as above; Coblentz's *Treatise on Pharmacy* (\$3.50).

*Practice of Medicine*: Same as above.

*Surgery*: Same as above; Stimson's *Operative Surgery* (\$3.75), Treve's *Handbook Operative Surgery* (\$2.50).

*Gynecology*: Garrigues (\$4.00), Kelly (\$7.50).

*Pathology*: Ziegler's *Special Pathology*, 2 vols. (\$8.00).

*Nervous Diseases*: Savage on *Insanity* (\$2.00), Ormerod on *Nervous Diseases* (\$1.00), Gower's *Nervous Diseases* (\$7.00), Dercum (\$6.00).

*Diseases of Children*: *Diseases of Infancy and Childhood*, Holt (\$6.00), *Pediatrics*, Rotch (\$6.50), *American Text-Book of the Diseases of Children*, Starr (\$7.00).

*Diseases of the Skin*: Hyde (\$5.25), Crocker (\$4.50).

*Ophthalmology*: Noyes (\$6.00), Fick (\$4.50), Fuchs (\$5.00).

\**Diseases of Ear, Nose, and Throat*: Bosworth on *Nose and Throat* (\$6.00), Burnett's *Otology* (\$4.00).

*Medical Jurisprudence*: Reese (\$3.00), Taylor's *Medical Jurisprudence* (\$4.50).

*Lexicon*: Same as above.

*Hygiene*: Louis C. Parkes' *Practical Hygiene* (\$2.50), Bissell's *Manual of Hygiene* (\$2.00).

NOTE.—In the above list of recommended text-books, the price noted in the parentheses is that of the cheapest named edition in each case, as a rule bound in cloth. Sheep binding, which is to be recommended for the larger and more constantly used volumes, will cost about a half or a dollar more than the price quoted. The student is urged to possess himself of at least one text upon each subject. In some instances choice between several authors is left with the student; in such cases the work preferred is usually named first. Where the entire list should be procured the subject is marked with an asterisk (\*).

### DEGREES, HONORS, AND PRIZES.

At the completion of the term of 1896-7, the following candidates were granted the degree of Doctor of Medicine:

|                        |                         |
|------------------------|-------------------------|
| Angier, Eugene L.,     | Littlefield, Virgil C., |
| Arnold, Joseph W.,     | Lloyd, Bolivar J.,      |
| Batts, Edward L.,      | Love, A. S.,            |
| Blassingame, A. A.,    | Martindale, A. H.,      |
| Cooke, Edward F.,      | Monday, H. A.,          |
| *Delalondre, Marie P., | Moses, Walter H.,       |
| Easterwood, Ambert Y., | McLamore, Julian,       |
| Gilbert, Joseph,       | Newsom, E. B.,          |
| Gibner, G. P.,         | Parks, S. N.,           |
| Gregory, A. A.,        | Spence, Harry,          |
| Guenther, J. G.,       | Springer, J. G.,        |
| Halley, W. B.,         | Sterrett, R. A.,        |
| Hodges, J. E.,         | Swain, W. C.,           |
| Homan, R. B.,          | Tucker, Frederick F.,   |
| Howard, W. E.,         | Wedemeyer, E. L.,       |
| Hunter, J. E.,         | Wornel, J. M.           |
| Kroulik, John,         |                         |

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\*Diploma withheld until candidate is of age.

At the last graduation exercises the following awards of prizes were made: *Faculty Prize* for highest general average in all branches of entire course, F. F. Tucker; *Texas State Medical Association Prize* for best final examinations in graduating class, F. F. Tucker; *Kellar Prize* for best examination in Obstetrics and Gynecology, W. C. Swain; *Histology Prize*, Julius Rühl; *Singer Prizes* for highest general average for term in each class, F. F. Tucker, M. Brandenburg, and G. A. Wedemeyer; *Surgical Prize* for best records of two surgical cases in the wards of Sealy Hospital, F. F. Tucker; *Medical Prize* for best record of medical clinics for the term, M. Brandenburg.

The system of prizes has been abolished recently, and hereafter, as a substitute, there will be published as an honor roll the names of those students of the graduating class whose average grade for the entire course of study has been 90 per cent, or over.

*Hospital Appointments:* Upon the results of the final examinations at the close of each session four resident physicians are selected from the members of the graduating class to serve as internes in the John Sealy Hospital. Occupants of these positions receive their board, washing, and lodging free, and enjoy superior opportunities for acquiring practical experience in the different departments of medicine and surgery. The term of service is for one year.

Several other hospitals in the State are also open to members of the graduating class, and these internships will also be filled by competitive examination.

**EXPENSES.****Fees.**

|                                                                               |         |
|-------------------------------------------------------------------------------|---------|
| Matriculation fee (payable on entering and but once).....                     | \$30 00 |
| Laboratory fees (paid annually for each laboratory attended):                 |         |
| First year.....                                                               | \$20 00 |
| Laboratory of Chemistry.....                                                  | 5 00    |
| Laboratory of Physiology.....                                                 | 5 00    |
| Laboratory of Normal Histology (including Biology and Embryology) .....       | 5 00    |
| Laboratory of Anatomy .....                                                   | 5 00    |
| Second year.....                                                              | \$20 00 |
| Laboratory of Chemistry .....                                                 | 5 00    |
| Laboratory of Pathology .....                                                 | 5 00    |
| Laboratory of Physiology .....                                                | 5 00    |
| Laboratory of Anatomy.....                                                    | 5 00    |
| Third year.....                                                               | \$15 00 |
| Laboratory of Pharmacy.....                                                   | 5 00    |
| Laboratory of Bacteriology.....                                               | 5 00    |
| Laboratory of Operative Surgery.....                                          | 5 00    |
| Special or laboratory course, with class (for each laboratory attended) ..... | 5 00    |

Fees for fourth year will be announced in due time, the precise arrangement of laboratory work having not been finally decided; so, too, certain changes will probably be announced for the third year in the four-years course in the rearrangement of the curriculum.

Deposits of \$5.00 each for laboratories of Chemistry and Pharmacy, and for the use of the library, are required from students working in the former, and from all students for the latter. These deposits are to cover the value of equipments furnished in these laboratories and books which may be taken from the library. At the close of the term

these deposits will be returned, less the value of articles of equipment broken or lost and of books not returned in good condition.

Non-residents of the State of Texas are required to pay an annual tuition of \$50, in addition to the above laboratory fees and matriculation fee. Graduate physicians of the State are permitted to join the class without payment of any fee unless in competition for the degree.

### **Board.**

The cost of living will vary with the views of students. Good board, including room, light, and fuel, can be had at prices ranging from \$15 to \$20 a month.

Students are advised to go directly to the College, on Strand, between Ninth and Tenth Streets, on their arrival in the city. The Provost will be on hand, and will take pleasure in furnishing all necessary information and aid in obtaining board without delay.

Letters requesting information as to the curriculum should be addressed to

PRESIDENT WINSTON,  
Medical Department of The University of Texas, Galveston, Texas.

Business communications or requests for catalogues should be addressed to

J. P. JOHNSON, PROVOST,  
Medical Department of The University of Texas, Galveston, Texas.



## SCHOOL OF PHARMACY.

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### **GENERAL INFORMATION.**

The term extends over seven and one-half months, and attendance upon two full courses is required before applying for graduation.

The teaching consists of two lectures on Pharmacy, two on Chemistry, two on Materia Medica, one on Botany, and one on Physics, each week throughout the term, with two hours work a day for three days in each week in the Laboratories of Pharmacy and Chemistry, and two hours a week for half the term in each year in the microscopic laboratory upon the subjects of vegetable histology and microscopic pharmacognosy, and eight hours a week in the dispensing department.

The laboratories are fully equipped, and every facility is given to students.

A well selected cabinet of drugs for the study of *Materia Medica* is placed at the disposal of the students.

Laboratory work constitutes one of the prime features of the School.

The course of instruction is a graded one, and students must pass an examination on the matter taught in the Junior year before they will be allowed to enter the Senior Class.

**DEPARTMENTS OF INSTRUCTION.****Pharmacy.**

**PROFESSOR RAOUL R. D. CLINE, A. M., PH. G.**

The instruction consists of two lectures a week during the term, and six hours' work in the Pharmaceutical Laboratory.

The principles of Pharmacy will be discussed, and, when practicable, illustrated by experiments; and in the laboratory the exercises will consist of the application of these principles to the processes of Pharmacy.

The Physics of Pharmacy, i. e., solution, evaporation, crystallization, distillation, sublimation, percolation, maceration, etc., will receive extended attention in the early part of the course, for the reason that they constitute the basis of all pharmaceutical operations.

In treating of crude drugs, their chemical constituents will receive due attention, special attention being given to possible deterioration and mode of preventing or postponing the same.

The proximate principles of plants will receive the share of attention which their medical importance demands.

In the Pharmaceutical Laboratory the student will be taught how to make the various pharmaceutical preparations, official and unofficial; the manufacture of inorganic acids and salts; the separation of alkaloids, neutral principles, and volatile oils; the preparation of pills, plasters, fluid extracts, tinctures, etc., the following being some of the products made by each student: hydrates of potassium and of sodium, chromic acid, muriatic acid, nitric acid, sulphurous acid, chlorine, bromine, iodine; hypophosphites

of potassium, sodium, calcium, and iron; bromides and iodides of potassium, sodium, ammonium, calcium, iron, zinc, and mercury; the sulpho carbolates; chlorides of ammonium, zinc, iron, antimony, and mercury; carbonate of ammonia and magnesium; sulphides and phosphides; salicylic, boric, and lactic acids; gun cotton; podophyllin; leptandrin; aloin; oils of copaiba, turpentine and thyme; terpin hydrate; pepsin; scale salts of iron; salicylates, muricates and sulphates of the alkaloids, etc. The plan pursued will be to have each student conduct his operations in the same manner as if he were preparing the medicinal substances for actual use, and to give such work as will fit him to manufacture same on commercial scale.

After the student has acquired sufficient familiarity with the processes of Pharmacy, and a fair amount of manipulative skill, including a knowledge of the chemical and physical properties of the substances dealt with, he will then be instructed in the art of compounding and dispensing prescriptions, and in the art of manufacturing perfumery and toilet waters.

The advanced students will be given a series of lectures in volumetric and gravimetric analysis from a pharmaceutical standpoint. These lectures will dwell upon principles therein involved, also the modes of making and preserving the various reagents and indicators, together with explanations of the modes of establishing tables of reference for use in such work. Instruction is given in correction of temperature and barometric pressure; in testing graduated vessels and correcting the same.

The advanced students will also manufacture and purify chloroform, acetanilide, salol, ethyl nitrite, amyl nitrite, amyl acetate, ethyl oxide, chloral acetone, benzine, nitro benzene, gallic acid, oil of wintergreen and pyrogallol, and

the various alkaloidal salts, especially with reference to rapid production and purification of the same in prescription work. Advanced students are also required to determine points of fusion and of ebullition and coefficients of solubilities of the most important substances. Students are required to assay assafoetida, myrrh; determine resinoidal value of jalap tubercles; of podophyllum rhizome and culver root; determine alkaloidal tenure of cinchona, nuxvomica, opium, and of belladonna, and of their preparations.

The Pharmaceutical Laboratory occupies three rooms on the first floor of the College building, which are admirably adapted to the practical teaching of Pharmacy, being well lighted and ventilated, and supplied with every form of apparatus required for the teaching of this important branch.

### **Materia Medica.**

**PROFESSOR EDWARD RANDALL, M. D.**

Two lectures a week will be given upon *Materia Medica*, and will include a general description and classification of crude drugs, their physical, chemical and medical properties, preparations and doses, tests, toxicology, etc.

Frequent oral examinations will be given, upon which students are graded.

The laboratory contains a complete cabinet of *Materia Medica* and active principles for study by each student, as the articles are taken up by the Professor during the term.

**Chemistry.**

**PROFESSOR SETH M. MORRIS, B. S., M. D.**

The Chemical Laboratory occupies the basement of the medical building, and accommodates nearly two hundred desks or working tables.

The apparatus belonging to this department is especially suited to teaching, and consists of a large supply of chemicals for general work, together with a considerable number of specimens of the rarer alkaloids and other drugs for exhibition; glass, iron, and brass ware for laboratory work, and a good supply of lecture apparatus for the purposes of demonstration.

This school possesses also a full supply of balances, spectroscopes, and other apparatus for special work.

During the first year there are given two lectures upon Chemistry, one upon Physics, and four hours laboratory instruction a week. The general principles of Inorganic Chemistry and Physics are lectured upon; and in the laboratory, parallel with the lectures for the first two-thirds of the session, the methods of preparation, and the properties, both physical and chemical, of the elements and their compounds, including the acids, are studied.

The practical work of the latter third of the session consists of general qualitative analysis and tests for impurities in medicinal chemicals.

During the second year Chemistry is studied theoretically in the lecture-room, and practically in the laboratory in its special relation to pharmacy and medicine. During the first month the practical work consists of a review of qualitative analysis, and during the remainder of the session of training in the general principles of quantitative

analysis, both volumetric and gravimetric, and of plant analysis.

For the first three months and a half, there are two lectures a week on general Inorganic Chemistry, which are largely an extended review of the lectures of the first year; and on Organic Chemistry during the remainder of the term. Four hours a week are devoted to laboratory instruction.

### **Botany.**

**DEMONSTRATOR AND LECTURER CONN L. MILBURN, PH. G.**

One lecture a week will be delivered to each of the classes. These lectures will bear upon structural, physiological, histological, and taxonomic botany, with special reference to pharmacy. Instruction will be given in plant analysis in field work. The course will also include instruction in pharmacognosy, the differential characteristics of the following families being taught and illustrated: Ranunculaceae, Magnoliaceae, Papaveraceae, Cruciferae, Caryophyllaceae, Malvaceae, Polygalaceae, Leguminosae, Rosaceae, Myrtaceae, Cucurbitaceae, Umbeliferae, Caprifoliaceae, Rubiaceae, Compositae, Labiatae, Boraginaceae, Convolvulaceae, Solanaceae, Apocynaceae, Asclepiadaceae, Polygonaceae, and Euphorbiaceae.

A laboratory course in vegetable histology and a course in microscopic pharmacognosy are given in the Laboratory of Pathological Histology in connection with this department.

The flora of this section of Texas is very fine, and the late winters permit field work to be carried on throughout nearly the entire scholastic year.

**REQUIREMENTS FOR ADMISSION AND GRADUATION.**

Candidates for admission to the course in Pharmacy are required to be at least 17 years of age, to present evidence of moral character and fitness for the profession of pharmacy, signed by at least two reputable and responsible individuals, preferably pharmacists; and to pass an entrance examination of the same nature and grade as that demanded of students in the School of Medicine. Exemptions from this examination are extended upon the same conditions as in the School of Medicine.

Students who have attended one full course of lectures in a recognized school of Pharmacy may be admitted to the second year of the course upon passing satisfactory examinations upon the Physics of Pharmacy, the Processes of Manufacture, and the Chemical Constituents of Official Inorganic Compounds, and the Pharmaceutical Preparations of Crude Drugs, General Inorganic Chemistry, and *Materia Medica*.

An applicant for graduation must have attended two full courses of lectures, the last of which has been in this school, and, in order to be advanced to his degree, must pass satisfactorily an examination in each of the branches here taught.

The system of grading is identical with that adopted by the School of Medicine.

**DEGREES AND PRIZES.**

Upon the following members of the class of 1897, the degree of Graduate in Pharmacy (Ph. G.) was conferred at the Commencement held May 15, 1897:

|                      |                   |                      |
|----------------------|-------------------|----------------------|
| Ankerson, Gus. E.,   | Gordon, E. B.,    | Lawrence, D. H.,     |
| Bright, J. Clyde,    | Howze, Bertha L., | Milburn, Conn. L.,   |
| Etienna, M., Sister, | Hurt, Robert A.,  | Rosalie, M., Sister. |
| Everett, May,        | Laging, W. C.     |                      |

The following prizes were offered for the term of 1897 and 1898:

*The Texas State Pharmaceutical Association Medal*, for the highest proficiency in Pharmacy among the students of the graduating class, was awarded to Mr. Conn L. Milburn, of the class of 1897, at the last graduation.

*Hubbert Prize*: A gold medal for the second best student, in all branches, of the graduating class, presented by Mr. W. E. Hubbert, of Hico, was awarded to Miss Bertha Howze.

*The R. R. D. Cline Medals* are awarded, one to the student of the graduating class who shall attain the highest grade in Pharmacy, and the other to the student of the first year who shall attain the highest grade of proficiency in Pharmacy. These prizes were awarded for the session of 1896-97 to Mr. Conn L. Milburn, of class of 1897, and to T. O. Hill, of the class of 1898.

*The Singer Prizes*: The J. Singer Book Company, of Galveston, offered as prizes to that member of each class who attained the highest average grade for the year an appropriate pharmaceutical publication. These prizes were awarded at the graduation exercises of 1897 to Messrs. Conn L. Milburn and T. O. Hill.

The prize system has recently been abolished, and the same honor system as in the School of Medicine established in its place.

**EXPENSES.****Fees.**

|                                                                             |         |
|-----------------------------------------------------------------------------|---------|
| Matriculation fee (payable on entrance and once only)....                   | \$50 00 |
| Laboratory of Pharmacy.....                                                 | 5 00    |
| Laboratory of Chemistry.....                                                | 5 00    |
| Special or Laboratory course, with class, for each Laboratory attended..... | 5 00    |

As in the School of Medicine, deposit of \$5.00 each in laboratories of Chemistry and Pharmacy and in library is required from each student, to cover loss of apparatus and value of unreturned books. These deposits are returned at the close of the session, less the value of such apparatus or books as are not accounted for.

Non-residents of the State of Texas are required to pay an annual tuition of \$50.

**Board.**

Good board, with fuel and lights, can be had at prices ranging from \$15 to \$20 per month.

Students are advised to go directly to the College building, on Strand between Ninth and Tenth Streets, on their arrival in the city, where the Provost of the Medical Department will be found, who will take pleasure in furnishing all necessary information and aid in obtaining board without delay.

Letters requesting information or catalogue should be addressed to J. P. Johnson, Provost, Medical Department of The University of Texas, Galveston, Texas.

**TEXT-BOOKS.****First Year.**

*Pharmacy*: Remington's *Pharmacy* (\$6.00).

*Chemistry*: *Elements of Inorganic Chemistry*, Wurtz (\$1.80), *Practical Exercises in Inorganic Chemistry*, Morris (\$1.25).

*Physics*: Ganot (\$5.00).

*Botany*: *College Botany*, Bastin (\$2.50); *Field Botany*, Gray (\$1.80).

*Materia Medica*: H. C. Wood (\$6.00), *United States Dispensatory* (\$7.00).

**Second Year.**

*Chemistry*: *General Medical and Pharmaceutical Chemistry*, Attfeld (\$2.75). Other text-books, same as those of first year. *Exercises in Medical and Pharmaceutical Chemistry*, Morris (\$1.00).

*Pharmacognosy*: Sayre (\$4.00).

**ROSTER OF SCHOOL OF PHARMACY.**  
**FIRST YEAR.**

| HRS.  | MONDAY.                                      | TUESDAY.                                          | WEDNESDAY.                 | THURSDAY.                               | FRIDAY.         | SATURDAY.                                         |
|-------|----------------------------------------------|---------------------------------------------------|----------------------------|-----------------------------------------|-----------------|---------------------------------------------------|
| 9-10  | Pharmacy.                                    | Vegetable Microscopy.<br>1st half term.           | Pharmaceutical Laboratory. | Vegetable Microscopy.<br>1st half term. | Pharmacy.       |                                                   |
| 10-11 | Pharmaceutical Laboratory.                   |                                                   |                            |                                         |                 | Prescription reading, compounding and dispensing. |
| 11-12 |                                              |                                                   |                            |                                         |                 |                                                   |
| 12-1  |                                              |                                                   |                            | Pharmaceutical Laboratory.              |                 |                                                   |
| 1-2   |                                              |                                                   |                            |                                         |                 |                                                   |
| 2-3   | Chemical Laboratory.                         | Botany.                                           | Chemical Laboratory.       | Chemical Laboratory.                    | Botany.         |                                                   |
| 3-4   |                                              | Prescription reading, compounding and dispensing. |                            |                                         |                 |                                                   |
| 4-5   |                                              |                                                   | Materia Medica.            |                                         | Materia Medica. | Field Botany.                                     |
| 5-6   | Physics, half term.<br>Chemistry, half term. | Chemistry.                                        |                            |                                         |                 |                                                   |

## SECOND YEAR.

| HRS.  | MONDAY.       | TUESDAY.                                | WEDNESDAY.                                        | THURSDAY.                                         | FRIDAY.              | SATURDAY.            |
|-------|---------------|-----------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------|----------------------|
| 9-10  |               | Vegetable Microscopy.<br>2nd half term. | Botany.<br>2nd half term.                         | Vegetable Microscopy.<br>2nd half term.           |                      | Chemical Laboratory. |
| 10-11 |               | Pharmacy.                               |                                                   | Pharmacy.                                         | Pharmacy Laboratory. |                      |
| 11-12 |               | Pharmaceutical Laboratory.              | Pharmaceutical Laboratory.                        |                                                   |                      |                      |
| 12-1  |               |                                         |                                                   |                                                   |                      |                      |
| 1-2   |               |                                         |                                                   |                                                   |                      |                      |
| 2-3   |               | Chemistry.                              | Prescription reading, compounding and dispensing. | Chemistry.                                        | Chemical Laboratory. |                      |
| 3-4   |               |                                         |                                                   | Prescription reading, compounding and dispensing. |                      | Field Botany.        |
| 4-5   | Therapeutics. | Therapeutics.                           |                                                   |                                                   |                      |                      |
| 5-6   |               |                                         |                                                   |                                                   |                      |                      |

## MATRICULATES IN SCHOOL OF PHARMACY.

### SESSION OF 1897-1898.

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#### Second-Year Class.

| Name.                      | Residence.     |
|----------------------------|----------------|
| Cordray, Edmund.....       | Galveston.     |
| Coulson, James Thomas..... | Corsicana.     |
| Eckhardt, O. G.....        | Yorktown.      |
| Hill, T. Oliver.....       | Smithville.    |
| Hodge, W. G., Jr.....      | Cleburne.      |
| Johnson, Jewell A.....     | Texarkana.     |
| Krause, Albert.....        | New Braunfels. |
| Milburn, T. H.....         | San Antonio.   |
| Nester, Herman A.....      | San Antonio.   |
| Rouse, Samuel.....         | Brenham.       |
| Wagner, W. A.....          | San Antonio.   |
| Wysong, Ernest E.....      | Hico.          |

#### First-Year Class.

|                         |                |
|-------------------------|----------------|
| Anglin, C. C.....       | Groesbeeck.    |
| Black, S. B.....        | Mt. Pleasant.  |
| Black, W. D.....        | Green Hill.    |
| Blount, J. G.....       | Denton.        |
| Bonner, T. H.....       | Rusk.          |
| Brandenburg, John.....  | Denton.        |
| Brenstedt, O. W.....    | New Braunfels. |
| Burleson, Emmet.....    | Paint Rock.    |
| Cox, G. W.....          | Ozona.         |
| Doyle, James C.....     | Galveston.     |
| Falvey, J. W.....       | Wells.         |
| Flavin, Harry.....      | Galveston.     |
| Ford, W. L.....         | Greenville.    |
| Furtner, Isadore L..... | San Antonio.   |

| Name.                     | Residence.     |
|---------------------------|----------------|
| Groos, A. O.....          | Kyle.          |
| Hermes, Augustus.....     | La Grange.     |
| Hodges, J. I.....         | Coleman.       |
| Hooker, H. T.....         | Carthage.      |
| Kirkley, Major.....       | Beckville.     |
| Leatherman, D. K.....     | Bartlett       |
| Lebermann, Lee Henry..... | Galveston.     |
| Leesemann, Charles W..... | Columbus.      |
| Mallard, Charles S.....   | Rusk.          |
| Maupin, S. B.....         | Kingston.      |
| Nicholson, James A.....   | Chappell Hill. |
| Porter, Martin.....       | Cameron.       |
| Ragland, E. S.....        | Pilot Point.   |
| Richter, Rudolph.....     | New Braunfels. |
| Smith, O. F.....          | Garrison.      |
| Steele, V. R.....         | Galveston.     |
| Stone, Frederick.....     | Itasca.        |
| Williams, J. D.....       | Paris.         |

## SCHOOL OF NURSING.

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### STAFF OF INSTRUCTORS AND OTHER OFFICERS.

HANNA KINDBOM, Superintendent, *Clinical Instructor of Nursing.*

#### Lecturers.

J. F. Y. PAINE, M. D., *Obstetrics.*  
J. W. McLAUGHLIN, M. D., *Fevers and Respiratory Diseases.*  
EDWARD RANDALL, M. D., *Materia Medica.*  
W. S. CARTER, M. D., *Physiology and Hygiene.*  
WILLIAM KEILLER, F. R. C. S., Edin., *Anatomy.*  
ALLEN J. SMITH, M. D., *Elementary Medicine, Urinary and Nervous Diseases.*  
J. E. THOMPSON, F. R. C. S., Eng., *Surgery.*  
H. P. COOKE, M. D., *Diseases of Children and Intestinal Diseases.*  
GEORGE H. LEE, M. D., *Gynecology, Dietetics.*  
G. P. HALL, M. D., *Diseases of Eye, Ear, Nose and Throat.*  
THOMAS FLAVIN, M. D., *Anatomy.*  
W. F. STARLEY, M. D., *Fevers and Respiratory Diseases.*

#### Committee on Instruction.

MISS HANNA KINDBOM (ex officio).  
J. W. McLAUGHLIN, M. D., }  
ALLEN J. SMITH, M. D., } From Faculty of School of Medicine.

#### Auxiliary Board of Lady Managers.

MRS. GEORGE E. MANN, *President.*  
MRS. EDWARD RANDALL, *Sec'y and Treas.*  
MRS. AARON BLUM.                      MRS. J. P. BOWEN.  
MRS. R. WAVERLY SMITH.              MISS BETTIE BALLINGER.  
MRS. L. FELLMAN.                      MISS AGNES CAMPBELL.

**GENERAL INFORMATION.**

The School of Nursing has been undertaken as a successor of the "John Sealy Hospital Training School for Nurses." The latter training school was supported and managed by a board of ladies resident in the city of Galveston, as a public charity, and, while well accomplishing its purposes, had grown in the course of years to be a tax upon the generosity and attention of those who had become interested in it. In order to save it from going out of existence, therefore, by removing the burden of its support from the ladies who had so long and so generously maintained it, and at the same time to extend the influence of medical instruction to the classes of nurses, the Regents of the University, in 1897, adopted this branch as one of the regular schools of the Medical Department of The University of Texas, assuming part of the cost of maintenance of the school with the Board of Managers of the John Sealy Hospital. By this arrangement the Superintendent of Nurses is recognized as a Clinical Instructor of Nursing in the corps of teachers of the Medical Department of the University, and the nurses as students. The Regents of the University are responsible for instruction of the student nurses in all branches, and have placed the management of the curriculum in the hands of a committee consisting of the Clinical Instructor of Nursing and two members elected annually from the Faculty of Medicine by the members of the Faculty. This committee has arranged a curriculum and appointed, from the members of the Faculty and corps of lecturers and demonstrators, the special instructors in each branch.

The student nurses may matriculate at any time from May until October, and are required to serve as nurses in

the wards of the Sealy Hospital and receive instruction for a period of two years, when, if found worthy in every particular, they are given certificates of proficiency as trained nurses by the committee on instruction on the part of the University of Texas and the President of the Board of Managers or other authorized officials on the part of the management of the John Sealy Hospital.

In the establishment of this School of Nursing, the Regents of the University have definitely delegated to the Board of Hospital Managers all governmental supervision of the School not directly concerning the instruction of the classes, including all questions of admission to classes, rules, regulations governing the duties and privileges of nurses, matters concerning the moral and physical welfare of pupil nurses, support of individual nurses, and matters of penalty or dismissal.

For their services in the wards of the hospital, the pupil nurses whose applications for admission are accepted are given their board, lodging, laundry, and the sum of seven dollars per month to defray the expenses of text-books and of the uniform clothing required to be worn while on duty.

As an advisory board to aid the Superintendent of Nurses in questions of government when required, and at the same time to advise the Board of Hospital Managers in questions involving the care of the nurses, an Auxiliary Board of Lady Managers has been created, the members of which act as visiting committees, and endeavor to keep in touch with the individual members of the class and aid them when possible.

**REQUIREMENTS FOR ADMISSION.**

At present the capacity of the school is limited to nineteen pupil nurses. Only women are admitted at present, but it is the intention of the authorities eventually to admit both sexes when the size of the hospital will permit.

Those wishing to obtain the course of instruction should apply to the Superintendent of Nurses, upon whose approval they are admitted into the School for one month on probation. Candidates less than nineteen or more than thirty-five years of age are not received. During the month of probation and prior to final acceptance of the candidate, she will be examined in reading, penmanship, simple arithmetic, and English composition. The applicant is required to present letters from at least two responsible individuals testifying as to her moral character, and one from a physician stating that she is in sound health. Blanks containing questions required to be answered by the candidates for the information of the Superintendent of Nurses will be mailed upon application. The Superintendent of Nurses has full power to decide as to the fitness of probationers for the work, and the propriety of retaining or dismissing them at the end of the month of trial; and, with the approval of the Board of Hospital Managers, or their authorized officials, she may discharge them at any time in case of misconduct or inefficiency. During the month of probation, the pupils are boarded and lodged, and have their laundry done at the expense of the School, but receive no other compensation.

Those who prove satisfactory will be accepted as pupil nurses, after signing an agreement to remain two years and to obey the rules of the School of Nursing and of the John

Sealy Hospital. They will reside in the Home, and serve for the first year as assistants in the wards of the Hospital; the second year they may be expected to perform any duty assigned them by the Superintendent, either to act as nurses in the Hospital, or to be sent to private cases among the rich or poor.

All nurses must reside in the Nurse's Home.

### **COURSE OF TRAINING AND INSTRUCTION.**

The course of instruction is a graded one, arranged in two terms. The plan of instruction includes systematic lectures, demonstrations, and actual bedside practice of the principles taught. Examinations are held in the various branches taught; and from time to time the pupils are required to present papers upon various themes connected with their work. The course is arranged as follows:

**FIRST YEAR:** (1) Lectures and demonstrations in Anatomy, Prof. Keiller and Dr. Flavin; (2) lectures upon Physiology, Prof. Carter; (3) lectures upon Elementary Medicine (nature of disease, classification of disease, cause of disease), Prof. Smith; (4) lectures upon Materia Medica (dosage, poisons, and antidotes), Prof. Randall; (5) lectures on Surgical Nursing and Ward Work (surgical emergencies, preparation of patient for operation, assisting at operations, prevention and treatment of shock, after-care of patient, technique of operating room, preparations of dressings, etc.), Prof. Thompson; (6) lectures and demonstration in general principles of Nursing (care of ward or sick-room, care of bed, care of patient, including toilet, feeding, attention to excretions, application of lotions, stupes, poultices, blisters, care of blisters and bed-sores,

prevention of bed-sores, clinical observations and records, baths, cups, leeches, use of catheter, enemata, artificial feeding, disinfection, quarantine, ethics of nursing in hospitals and in homes), Miss Kindbom.

SECOND YEAR: (1) Obstetric and Gynecological Nursing (care of mother and child, treatment of hemorrhage and convulsions, uterine applications and treatment; operative cases, including laparotomy), Prof. Paine and Prof. Lee; (2) lectures upon nursing Fevers and Respiratory Diseases, Prof. McLaughlin and Dr. Starley; (3) lectures upon nursing in Diseases of Children and Intestinal Diseases, Prof. Cooke; (4) Dietetics, Prof. Lee; (5) Urinary Diseases and Nervous Diseases (use and care of electric battery), Prof. Smith; (6) nursing in Diseases of Eye, Ear, Nose, and Throat, Prof. Hall; (7) Emergencies, Medical and Surgical, Miss Kindbom; (8) preparation of invalid diet, massage and Swedish movements, application of baths of various kinds, physical culture, Miss Kindbom; (9) lectures in Hygiene, Prof. Carter.

The requirements for promotion and graduation are essentially the same as in the School of Medicine, but there are no intermediate examinations. Final examinations are held upon all subjects taught; and the pupil is also graded for the quality of ward work which she has done. The instruction above outlined is given either in the Medical College building or in the Hospital or Home. Where practicable, the pupil nurses enter the regular medical classes for lectures; but for the most part instruction is given to them alone.

**MATRICULATES IN SCHOOL OF NURSING.****Second-Year Class.**

| Name.                     | Residence.       |
|---------------------------|------------------|
| Asbury, Gertrude.....     | Abilene.         |
| Bates, Fannie.....        | Ft. Worth.       |
| Bobbitt, Mary.....        | Webster.         |
| Dobbins, Mrs. Mattie..... | Deming's Bridge. |
| McNeely, Alice.....       | Blair, Neb.      |
| McRae, Henrietta.....     |                  |
| Scott, Viva.....          | La Porte.        |
| Walker, Jane.....         | Mission Valley.  |
| Yolland, Marie.....       |                  |

**First-Year Class.**

|                              |                 |
|------------------------------|-----------------|
| Bryan, Carrie.....           | Manor.          |
| Bunn, Annie.....             | Fordyce, Ark.   |
| Cartwell, Mrs. Emma Lee..... | Galveston.      |
| Champion, Winnie.....        | Athens.         |
| Cooper, J. N.....            | Houston.        |
| Dunklin, Marion.....         | Waco.           |
| Gonder, Katie.....           | San Antonio.    |
| Mackenzie, Madge.....        | Liverpool, Eng. |
| Rutledge, Mattie.....        | Cleburne.       |
| Sayers, Lenore.....          | Whitney.        |
| Smith, Sallie Will.....      | Fordyce, Ark.   |
| Thompson, Edith.....         | San Antonio.    |

**TEXT-BOOKS.**

*Anatomy and Physiology*: Kimber; *Physiology and Hygiene*: Hutchinson.

*General Nursing*: Storey; *Invalid Cooking*, Boland; *Massage and Swedish Movements*, Oström.

*Materia Medica*: Dock.

*Obstetric Nursing*: Fullerton; *Care of the Baby*, Griffith.

*Surgical Nursing*: Voswinckle; *Abdominal Surgery and Diseases of Women*, Fullerton.

*Fever Nursing*: Wilson.

*Nervous Diseases and the Insane*: Mills.

*Medical Dictionary*: Gould's Pocket Medical Dictionary.

**NOTICE.**

Letters requesting information as to the curriculum of the School of Nursing, or applications for admission to the class, should be addressed to

MISS HANNA KINDBOM,  
Superintendent of Nurses, John Sealy Hospital,  
Galveston, Texas.

Requests for catalogues should be addressed to

J. P. JOHNSON, PROVOST,  
Medical Department, University of Texas,  
Galveston, Texas.

# SUMMARY OF STUDENTS IN THE MEDICAL DEPARTMENT.

**SESSION OF 1897-98.**

## **School of Medicine.**

|                        |    |           |
|------------------------|----|-----------|
| Third year class.....  | 47 |           |
| Second year class..... | 81 |           |
| First year class.....  | 57 |           |
| Special students.....  | 9  |           |
|                        |    | <hr/> 194 |

## **School of Pharmacy.**

|                        |    |          |
|------------------------|----|----------|
| Second year class..... | 12 |          |
| First year class.....  | 32 |          |
|                        |    | <hr/> 44 |

## **School of Nursing.**

|                                  |    |          |
|----------------------------------|----|----------|
| Second year class.....           | 9  |          |
| First year class.....            | 12 |          |
|                                  |    | <hr/> 21 |
| Total in Medical Department..... |    | 259      |

## CERTIFICATE OF CHARACTER FOR ADMISSION TO THE MEDICAL DEPARTMENT OF THE UNIVERSITY OF TEXAS.

.....189..

To the Dean of Faculty of Medical Department, University of  
Texas.

Dear Sir:

M.....of.....

is a gentleman of good moral character, and we regard him as

possessing fitness for undertaking the profession of.....  
We therefore recommend that he be allowed to enter upon studies leading to the degree in.....in The University of Texas.

Respectfully,

.....  
.....  
.....  
.....

# SUMMARY OF STUDENTS IN THE UNIVERSITY OF TEXAS,

**1897-98**

## DEPARTMENT OF LITERATURE, SCIENCE, AND ARTS :

|                 |            |
|-----------------|------------|
| Graduates.....  | 18         |
| Seniors .....   | 28         |
| Juniors .....   | 27         |
| Sophomores..... | 59         |
| Freshmen .....  | 174        |
| Specials.....   | 102        |
| Total .....     | <u>408</u> |

## DEPARTMENT OF LAW :

|                |            |
|----------------|------------|
| Graduates..... | 6          |
| Seniors .....  | 51         |
| Juniors .....  | 88         |
| Total .....    | <u>145</u> |

## DEPARTMENT OF MEDICINE :

|                              |            |
|------------------------------|------------|
| School of Medicine .....     | 194        |
| School of Pharmacy .....     | 44         |
| School of Nursing.....       | 21         |
| Total .....                  | <u>259</u> |
|                              | 812        |
| Names repeated.....          | <u>12</u>  |
| Total in the University..... | 800        |



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